

FOWLER'S
SELF-INSTRUCTOR in
Phrenology

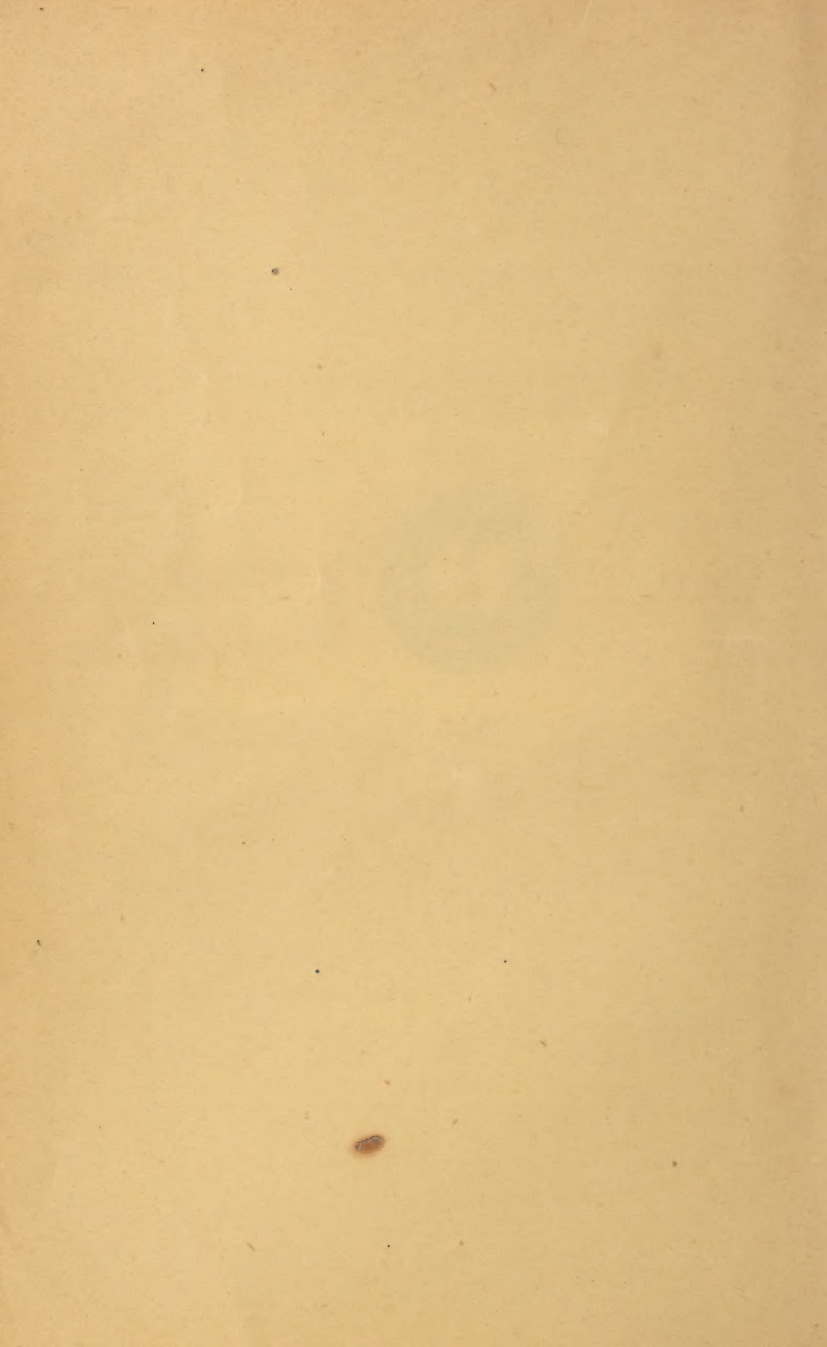
NATIONAL LIBRARY OF MEDICINE
Bethesda, Maryland

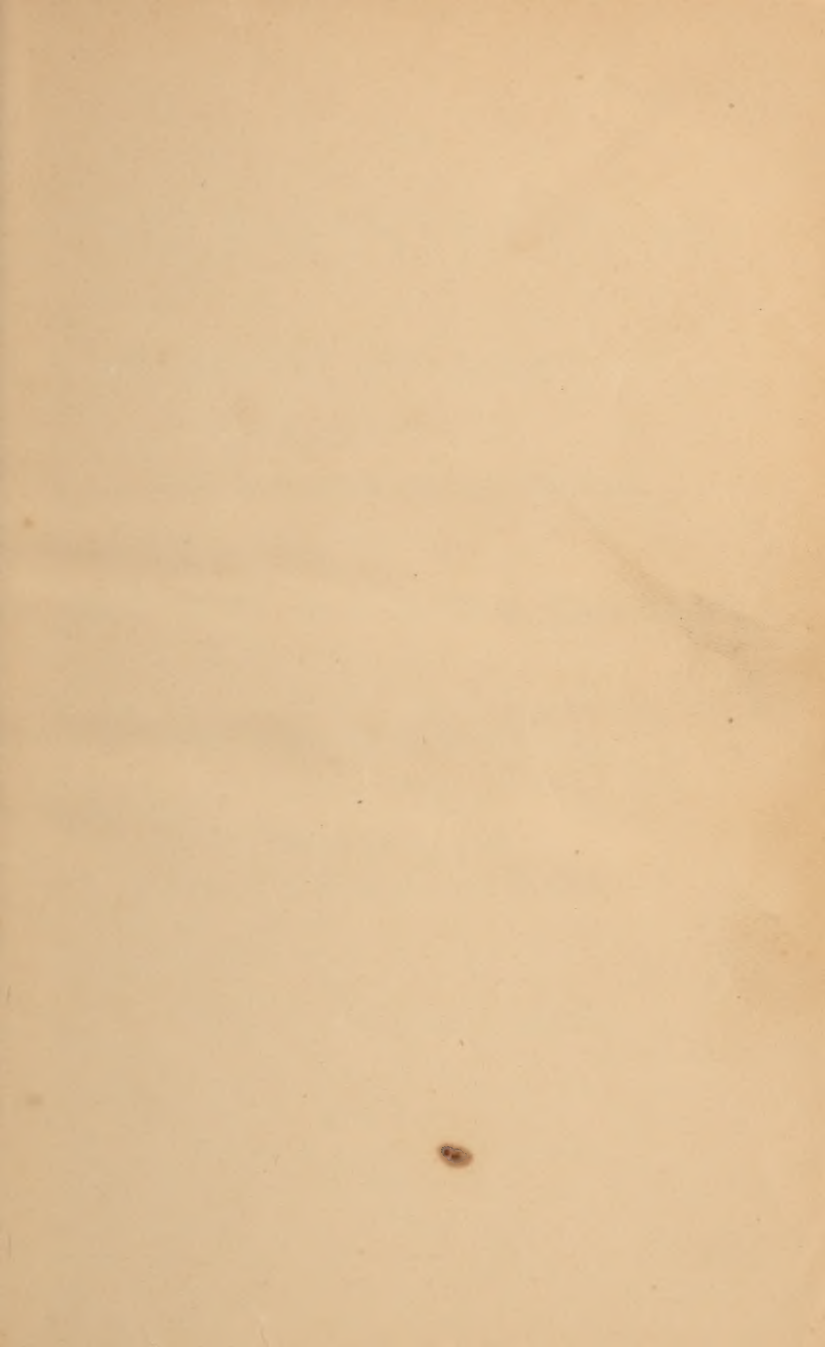


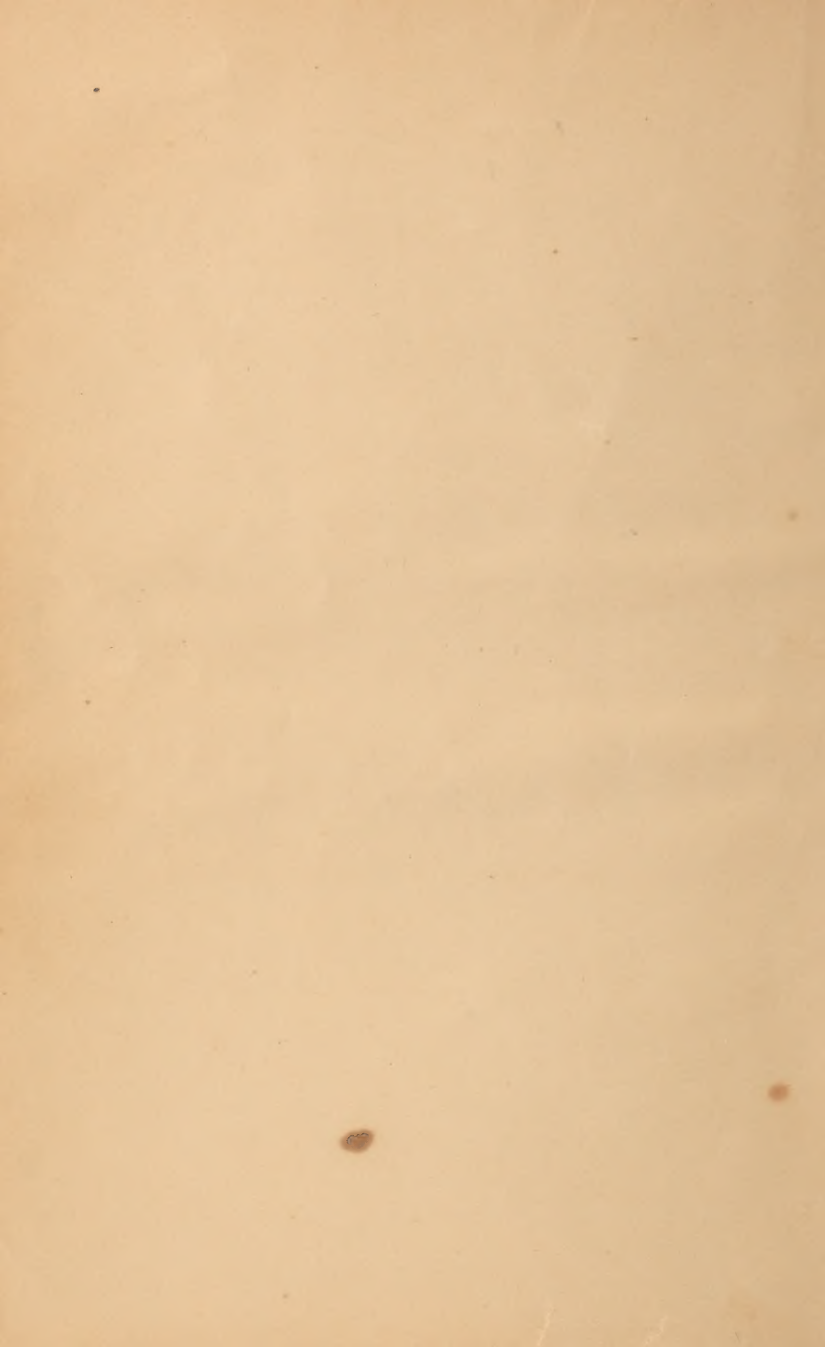
14200/31614

35-

9-6







THE
SELF-INSTRUCTOR

IN
PHRENOLOGY AND PHYSIOLOGY;

WITH
OVER ONE HUNDRED NEW ILLUSTRATIONS,

INCLUDING A
CHART FOR THE USE OF PRACTICAL PHRENOLOGISTS

BY O. S. AND L. N. FOWLER.

REVISED BY
NELSON SIZER,
PRESIDENT OF THE AMERICAN INSTITUTE OF PHRENOLOGY.

SELF-knowledge is the essence of *all* knowledge.
Your character corresponds with your organization.

NEW YORK:
FOWLER & WELLS CO., PUBLISHERS,
775 BROADWAY.
1890.

Entered according to Act of Congress, in the year 1889.
By FOWLER & WELLS COMPANY.
In the Office of the Librarian of Congress, at Washington.





MODEL HEAD.

NUMBERING AND DEFINITION OF THE ORGANS.

- | | |
|----------------------------------------------------|---------------------------------------------------|
| 1. Amativeness, Love between the sexes. | 20. Constructiveness, Mechanical ingenuity. |
| 2. Conjugal Love, Matrimony—love of one. | 21. Ideality, Refinement—taste—purity. |
| 3. Parental Love, Regard for offspring, pets, etc. | 22. Sublimity, Love of grandeur—infinity. |
| 4. Friendship, Adhesiveness—sociability. | 23. Imitation, Copying—patterning. |
| 5. Inhabitiveness, Love of home. | 24. Mirthfulness, Jocoseness—wit—fun. |
| 6. Continuity, One thing at a time. | 25. Individuality, Observation—desire to see. |
| 7. Vitativeness, Love of life. | 26. Form, Recollection of shape. |
| 8. Combactiveness, Resistance—defense. | 27. Size, Measuring by the eye. |
| 9. Destructiveness, Executiveness—force. | 28. Weight, Balancing—climbing. |
| 10. Alimentiveness, Appetite—hunger. | 29. Color, Judgment of colors. |
| 11. Acquisitiveness, Accumulation. | 30. Order, Method—system—arrangement. |
| 12. Secretiveness, Policy—management. | 31. Calculation, Mental arithmetic. |
| 13. Cautiousness, Prudence—provision. | 32. Locality, Recollection of places. |
| 14. Approbateness, Ambition—display. | 33. Eventuality, Memory of facts. |
| 15. Self-Esteem, Self-respect—dignity. | 34. Time, Cognizance of duration. |
| 16. Firmness, Decision—perseverance. | 35. Tune, Sense of harmony and melody. |
| 17. Conscientiousness, Justice, equity. | 36. Language, Expression of ideas. |
| 18. Hope, Expectation—enterprise. | 37. Causality, Applying causes to effect. |
| 19. Spirituality, Intuition—faith—credulity. | 38. Comparison, Inductive reasoning—illustration. |
| 20. Veneration, Devotion—respect. | |
| 21. Benevolence, Kindness—goodness. | |
| | C. Human Nature, Perception of motives. |
| | D. Agreeableness, Pleasantness—suavity. |

CONDITIONS.	7 Very Large.	6 Large.	5 Full.	4 Aver age.	3 Moder- ate.	2 Small.	Cultivate.	Restrain.	Marry one having
Organic Quality	PAGE 12	13	13	13	13	13	13	14	
Health	18	18	18	19	19	19	19	19	
Vital Temperament . .	22	23	23	23	23	23	24	24	
Breathing Power . . .	26	26	26	26	26	26	27	27	
Circulatory Power . . .	27	27	28	28	28	28	28	29	
Digestive Power	29	29	29	29	29	30	30	31	
Motive Temperament.	33	34	34	34	35	36	36	37	
Mental Temperament.	38	39	40	40	40	41			
Activity	49	50	50	50	50	50	50	50	
Excitability	51	51	51	51	51	52	52	52	
Size of Brain—Inches.	44	44	45	45	45	46			
1. Amativeness	82	82	83	84	85	85	85	86	
A. Conjugality	87	87	88	88	88	88	88	88	
2. Parental Love . . .	89	90	91	91	91	91	91	91	
3. Friendship	92	93	93	94	94	94	95	95	
4. Inhabitiveness . . .	95	96	96	96	96	96	97	97	
5. Continuity	97	97	98	98	98	98	99	99	
E. Vitativeness	100	100	101	101	101	101	101	101	
6. Combativeness . . .	102	102	103	103	104	104	104	104	
7. Destructiveness . .	105	106	106	106	106	107	107	107	
8. Alimentiveness . .	108	109	109	109	109	109	109	110	
9. Acquisitiveness . .	111	112	113	113	113	113	114	114	
10. Secretiveness . . .	114	115	116	116	116	117	117	117	
11. Cautiousness	118	119	119	119	120	120	120	120	
12. Approbativeness .	121	122	122	122	123	123	123	123	
13. Self-Esteem	124	125	126	126	126	126	127	127	
14. Firmness	127	128	129	129	129	129	129	130	

the Chart, the Reader is Referred to Pages 7 and 8.

v

CONDITIONS.	7 Very Large.	6 Large.	5 Full.	4 Aver- age.	3 Moder- ate.	2 Small.	Cultivate.	Restrain.	Marry one having
	PAGE								
15. Conscientiousness	131	132	132	133	133	133	134	134	
16. Hope.	134	135	136	136	136	136	137	137	
17. Spirituality.....	137	137	138	138	139	139	139	139	
18. Veneration.	139	140	141	141	141	141	142	142	
19. Benevolence.	142	143	143	144	144	144	144	144	
20. Constructiveness.	145	146	146	146	146	146	147	147	
21. Ideality.	147	148	148	149	149	149	149	150	
B. Sublimity.	150	150	151	151	151	151	151	151	
22. Imitation.	152	152	153	153	153	153	153	154	
23. Mirthfulness.	154	155	155	155	155	156	156	156	
24. Individuality.	158	158	158	159	159	159	159	159	
25. Form.	160	160	160	160	160	160	160	161	
26. Size.	161	162	162	162	162	162	162	162	
27. Weight.	162	163	163	163	164	164	164	164	
28. Color.	164	164	165	165	165	165	166	166	
29. Order.	166	166	167	167	167	167	168	168	
30. Calculation.	168	168	168	169	169	169	169	169	
31. Locality.	169	169	170	170	170	170	170	171	
32. Eventuality.	171	172	172	172	173	173	173	173	
33. Time.	173	173	174	174	174	174	174	175	
34. Tune.	175	175	176	176	176	177	177	177	
35. Language.	176	177	178	178	178	179	179	179	
36. Causality.	180	180	181	181	181	181	182	182	
37. Comparison.	182	182	183	183	183	183	184	184	
C. Human Nature. . .	184	185	185	185	185	185	185	186	
D. Agreeableness. . .	186	186	186	186	186	186	186	186	

Marry one who is in size height weight blonde brunette

55 11 120

ARTISTICAL.	Superintendent.	Secretary.	Tailor.
Architect.	Steward.	Teacher.	Tinsmith.
Draftsman.	Boots, Shoes.	Writer.	
Engraver.	Cattle, Horses.		SCIENTIFIC.
Musician.	Coal, Lumber.	MECHANICAL.	Anatomist.
Music Teacher.	Dry Goods.	Blacksmith.	Chemist.
Painter.	Fancy Articles.	Builder.	Engineer.
Photographer.	Grain, Groceries.	Carpenter.	Geologist.
	Hardware.	Contractor.	Manager.
COMMERCIAL.	Jewelry.	Cooper.	Miner.
Accountant.	Leather.	Dentist.	Naturalist.
Agent.	Marketing.	Dressmaker.	Phrenologist.
Auctioneer.	LITERARY.	Farmer.	Physician.
Banker.	Actor.	Gardener.	Statesman.
Bookseller.	Author.	Gunsmith.	Surgeon.
Broker.	Clergyman.	Gas Fitter.	Surveyor.
Cashier.	Correspondent.	Inventor.	
Collector.	Editor.	Locksmith.	MISCELLANEOUS.
Druggist.	Elocutionist.	Machinist.	Housekeeper.
Expressman.	Historian.	Mason.	Liverykeeper.
Importer.	Lawyer.	Miller.	Matron.
Insurance.	Lecturer.	Milliner.	Nurse.
Publisher.	Linguist.	Overseer.	Restaurant.
Salesman.	Orator.	Plumber.	Teamster.
Shipping Clerk.	Poet.	Printer.	Waiter.
Speculator.	Proof-reader.	Seamstress.	Watchman.
do., Real Estate.	Reporter.	Stonecutter.	

CHART AND CHARACTER OF

AS MARKED BY

Date, _____

PREFACE.

The object of this manual is to teach inquirers the organic conditions which indicate character and talent. In order to make it accessible to all, its facts and conditions are condensed, and elaborate arguments are avoided, because a pure exposition of phrenology carries its own proof. The laws and results being stated, it may be safely left on its own merits.

In the preparation of this work, an arrangement was made to analyze each of the faculties, and describe them in seven degrees of development, including the most palpable combinations of the faculties, and the characteristics naturally resulting from such combinations.

All the engravings illustrating the faculties and temperaments have been drawn and executed expressly for this work, and will nowhere else be found, special pains being taken in each engraving to indicate the location of the organ described, by a dash, or star; hence, Beginners can thus learn how to locate the organs, and thus the book will become really a Self Instructor.

Another object of the book is to record character, in doing which, it describes those organic conditions which affect and indicate character, in seven degrees of power, and those who have their physiological and phrenological conditions correctly marked in the foregoing table are referred to those paragraphs which both describe their character and contain specific conditions how to improve the health and constitution as well as the talents and dispositions of those thus marked.

It may be safely said, that there is no book on phrenology which has such accurate and specific indications of the location and appearance of organs when large and small.

The plan of recording examinations by the use of the numerals 7, 6, 5, 4, 3, 2, and 1, may be studied on the next page.

NELSON SIZER.

EXPLANATION OF THE TABLES.

The examiner will mark the power, absolute and relative, of each function and faculty, by placing a figure, dot, or dash on a line with the name of the organ marked, and in the column headed "large," or "small," according to the size of the organ marked, while the printed figure in the square thus marked refers to those pages in this book where, under the head "large," "small," etc., will be found a description of the character of the one examined in respect to that organ, while in the two right hand columns, in the tables marked "cultivate" and "restrain," are figures referring to pages in this work where directions for cultivating and restraining may be found.

Still more extended directions for self improvement will be found in "Physiology," "Self Culture," and "Memory," or called, when bound together, "Education Complete," "How to Teach," "Choice of Pursuits," and "Brain and Mind."

When an organ is half-way between two sizes, it is represented by two figures, as 5 to 6, or 3 to 4, etc., which is equivalent to 5 1-2 or 3 1-2. In these cases both sentences referred to may be read, and a medium between the two will be appropriate.

The sign +, plus, signifies about one third of a degree more; and —, minus, one third of a degree less, than the marks indicate, thus giving virtually a scale of twenty-one degrees.

Several persons can be marked on one table by using a dot for one, and dashes, horizontal, perpendicular, slanting to the right, left, etc., for each of the others.

Those organs and conditions marked 7, or very large, are sovereign in their influence over character and conduct, and combining with those marked large, direct and control feeling and action. Those marked 6, or large, have a powerful and almost controlling influence, both singly, and especially in combination, and press the smaller ones into their service. Those marked 5, or full, play subordinate parts, yet their influence is considerable, though more potential than apparent. Those marked 4, or average, have only a medium influence, and mainly in combination with larger ones. Those marked 3, or moderate, are below par in fact, and still more so in appearance; exert but a subordinate influence, and leave character defective in these respects. Those marked 2, or small, are deficient, so much so as easily to be perceived; leave their possessor weak and faulty in these respects, and should be assiduously cultivated; while those marked 1 are very small, and render their possessor, almost idiotic in these respects,

NEW SELF-INSTRUCTOR IN PHRENOLOGY.

SECTION I.

ORGANIC AND PHYSIOLOGICAL CONDITIONS AS AFFECTING LIFE AND INDICATING CHARACTER.

1.—LIFE—ITS OBJECT, ORGANS AND FUNCTIONS.

A problem how wonderful! an entity, an embodiment how complicated, yet how perfect! How worthy even a God to create, and man to possess, improve, and study! These it is the object of this volume to expound.

What, then, is life? In what does it consist? In its vast variety of functions, so embedded as to act together.

But its end alone can expound its entity. That end is happiness. This is the one, single, only ultimate of both life in the aggregate, and of each of its individual functions. And the more there is of life, the more there is of happiness, and vice versa. Hence, to promote or impair either, thereby promotes or impairs the other. And the conditions of either are equally those of the other—a base line of incalculable value in deciphering our problem of life, its functions and improvement. And the fact is both coincident and important, that the happy exercise of every faculty improves, while its painful exercise impairs, both it and its organ. That is, present enjoyment increases our capacities for future happiness. Hence the happier we are, the higher and truer our life, and the better. For all goodness consists in obeying, and all badness in violat-

ing, the laws of our being. All happiness also consists in this same obedience, as all misery is occasioned by this same violation, of these very same laws. Therefore he who is the happiest is so because the best; that is, because he obeys the most law. But he suffers the most who is the most sinful; that is, who has broken the most law. Therefore Happiness, Goodness, and Obedience to the laws of our being are all one and the same, while Suffering, Sinfulness, and Death are synonymous—are cause and effect. Then what is the first law and condition of health and happiness?

2.—ORGANISM IS AS FUNCTION.

Nature operates always and everywhere by means of organs, or instrumentalities—never without them. What one function ever is, has been, or can be, carried forward without them?

And what is more, the organism is in perfect correspondence with the function. Thus, whenever Nature would put forth power of function, she does so by means of power in the organ which puts it forth. And so of quickness, and all other functional conditions. Thus the office of wood is to rear aloft that stupendous tree-top, and hold it there in spite of the surgings of powerful winds upon its vast canvas of trunk, limbs, leaves, and fruit. Now this requires an immense amount of power, especially considering the great mechanical disadvantage involved. This power Nature supplies, not by bulk, because this, by consuming her material and space, would prevent her making many trees, whereas her entire policy is to form all the trees she can; but by rendering the organic texture of wood as solid and powerful as its function is potential. And the more solid its structure, the more powerful its function, as seen in comparing oak with pine, and *lignum vitae* with poplar. But, letting this single example suffice to illustrate this law, which obtains throughout the entire vegetable kingdom, let us apply it to the animal.

The elephant, one of the very strongest of beasts, is powerfully knitted together, in dermis, muscle, and bone. The lion, too, is as strong in texture as in function. Only those who know from observation can form any adequate idea of the wiry toughness of those muscles and tendons which bind his head to his body, or of the solidity of his bones—corre-

sponding with the fact that, seizing a bullock in his monster jaws he dashes with him through jungle and ravine, as a cat would handle a squirrel. And when he rears, all other animals tremble. The structures of the white and grizzly bear, of the tiger, hyena, and all powerful animals, and, indeed of all the weak ones, in like manner correspond equally with their functions. All quickness of function is put forth by quick-acting organs, all slowness by the slow; and thus of all organs and functions throughout every phase and department of universal life and nature. Indeed, in and by the very nature of things this correspondence must exist. For how could weak organs possibly put forth powerful functions, or slow organs quick functions? In short, this correspondence between organic conditions and functions is fixed and absolute—is necessary, not incidental—is universal, not partial—is a relation of cause and effect, and governs every organ and function throughout universal life and nature.

It governs, reader, you and I. And in all our functions, how can weak muscles put forth strength, or a sluggish brain manifest mental activity? Hence, to become great, one must first become strong—and in the special organs in whose functions he would excel. Would you become great mentally, then first become strong cerebrally. Or would you render that warling boy, a great man, first make him a powerful animal.

Not that all powerful animals are great men, but that all great men are, and must needs be, powerful animals. Our animal nature is the basis of all mental and moral function. It is so in the very constitution of things, that mind is put forth in and by its material organism, and is strong or weak, quick or sluggish, as its organism, is either. If in the plenitude of Divine Wisdom, man had been created a purely mental being, he would have needed no body, and could not have used one; whereas, instead, he has been created a compound being, composed of both body and mind. Nor are those seemingly opposite entities strangers to each other, instead, they are inter-related by ties of the most perfect reciprocity—so perfect that every conceivable condition of either reciprocally affects the other.

HEREDITARY ORGANISM AS AFFECTING MENTALITY.

Hereditary organic quality is the first, basilar, and all-po-

tent condition of all power of function, all happiness, all everything. This is congenital—is imparted by the parentage along with life itself, of which it is the paramount condition and instrumentality. It depends mainly on the original nature or temperament of the parents, yet partly also on their existing states of body, mind, and health, their mutual love or want of it, and on other like primal life-conditions and causes. It lies behind and below, and is infinitely more potential than education, and all associations and surrounding circumstances.

Each creature much resembles a galvanic battery, and its life-force depends mainly on how that battery is constituted, and this on those congenital conditions which establish the life-conditions—a subject infinitely important, and generally overlooked, but treated elsewhere.* This condition can not well be described, hardly engraved, but is easily perceived by a practical eye. It is quite analogous to temperament, is, indeed, their determining cause. Some of its signs are coarseness and fineness of hair, skin, color, form, motion, general tone of action and mental operation, etc.

In fact, the main difference between vegetables and animals, as compared among one another, and all as compared with man, and different men as compared with each other, as well as the entire style and cast of character and sentiment, everything is consequent on this condition, viz: quality as explained by temperament—in short, is what we call “bottom” in the horse, “the breed” in full-blooded animals, and “blood” in those high and nobly born.

7.—Are pre-eminently fine-grained, pure-minded, ethereal, sentimental, refined, high-toned, intense in emotion, full of human nature, most exquisitely susceptible to impressions of all kinds, most poetic in temperament, lofty in aspiration, and endowed with wonderful intuition as to truth, what is right, best, etc., are unusually developed in the interior or spirit life, and far above most of those with whom they come in contact, and hence find few congenial spirits, and are neither understood nor appreciated; when sick, suffer inexpressibly, and if children, are precocious—too smart, too good to live, and absolutely must be treated physiologically, or die early.

*See “Love and Parentage.”

6.—Are like 7, only less so; are finely organized, delicate, susceptible, emotional, pure-minded, intellectual, particular, and aspiring after a high state of excellence; full of human nature, and true to its intuitions and instincts; have a decided predominance of the mental over the physical; are able and inclined to lead excellent human lives, and capable of manifesting a high order of the human virtues.

5.—Are more inclined to the good than bad, to ascend than descend in the human scale; can, by culture, make excellent men and women, but require it; and should avoid those habits which clog or deprave the mental manifestations, and, to attain superiority, must “strive to enter in.”

4.—Are simply fair in organic tone; are good under good surroundings, but can be misled; must avoid all deteriorating habits and causes, spirits and tobacco, bad associates, etc.; assiduously cultivate the pure and good, and study to discipline intellect, as well as purify the passions, and rely the more on culture and a right physiological life, because the hereditary endowment is simply respectable.

3.—Are rather lacking in organic quality, and better adapted to labor than study; rather sluggish mentally, and given to this world's pleasures; had but a commonplace parentage; need to be strictly temperate in all things, and avoid all forms of temptation, vulgar associates in particular, and make up by the more assiduous cultivation what has been withheld by nature.

2.—Are coarse-grained in structure and sentiment, and both vulgar and non-intellectual; had poor parental condition; are low, groveling, and carnal, as well as obtuse in feeling and intellect; are poorly organized, and incapable of high attainments; hence restrain the passions, and cultivate intellect and the virtues as much as possible, and especially avoid alcoholic liquors, tobacco, and low associates.

1.—Are really dotish, and non compos mentis.

TO CULTIVATE.—First, guard against all perversion of the faculties, all forms of intemperance, over-eating, pork, rich pastry, especially late suppers; be much of the time in the open air; work and exercise abundantly; bathe often, and keep the body in as good condition as possible; mingle with the high and good; exercise all the faculties assiduously,

in the best possible manner, and in strict accordance with their natural functions; cultivate a love of nature, art, beauties, and perfections—in short, encourage the good, true, and right, and avoid the bad.

TO RESTRAIN.—Cultivate a love of the terrestrial—of this world, its pleasures and luxuries—for you require animalizing. You live too much in the ideal; live more with the actual and tangible. Callous yourself against much that now abridges your finer sentiments, and shrink not from contact with those not quite up to your standard. You are adapted to a more advanced state of humanity, but should come down to the present and material. Above all, do not be too fastidious, qualmish, or whimsy, but make the best of what is; cling to life; and enamor yourself of its objects and pleasures.

3.—HEALTH—ITS VALUE, CONDITIONS AND RESTORATIONS.

Health consists in the normal and vigorous exercise of all the physical functions, and disease in their abnormal action. Health is pleasurable, disease painful. Health is life, for life consists in the normal action of those same functions in which health consists. And to improve health is to increase life itself, and all its pleasures. Some writer has appropriately defined health thus :

Planting your foot upon the green sod, looking around, and yielding yourself to whatever feelings naturally arise, health is proportionate to that buoyant, jubilant, exhilarating, ecstatic feeling which supervenes. It is to all our functions what motive power is to machinery—sets them off with a rush and a bound. It both makes us happy, and causes everything else to increase that happiness. But disease renders us miserable, and turns everything around us into occasion of misery. It both weakens and perverts the interior being. Indeed, health is the quintessence of every earthly good—disease, of every terrestrial evil. Poor indeed is he, however rich in money, in honors, in office, in everything else whatsoever, whose health is poor; for how can he enjoy his wealth and honors? But rich indeed is he who is healthy, however poor in money, for he enjoys whatsoever he has or is. A rich

man may, indeed, purchase a luxuriant dinner, but without health does not, can not relish it; whereas a poor man, with health, enjoys even a dry crust.

The rich need health to enjoy their riches; the poor doubly, in order to prevent becoming poorer. But to be poor and sickly is the uttermost of human evil. Nor can the poor afford to be sick; for their health is their all, to themselves and families. Nor should they allow anything whatsoever to impair it, but make health paramount.

Even the very talents of men depend mainly on health. Is not the brain confessedly the organ of the mind? Now, what means it, that the eye is the organ of vision, but that all its existing states reciprocate with its physical conditions? That the stomach is the organ of digestion, but that the nutritive function is vigorous or impaired, in exact correspondence with its existing states? That the brain is the organ of the mind, but that all its conditions similarly affect the mentality? And since all the states of the body and brain act reciprocally—consequent on that vast network of nerves which ramify throughout every part and parcel of the body, and terminate in the brain—of course all existing conditions of the body similarly affect these nerves, and thereby the brain, and therefore the mind, rendering all the states of either body or mind reciprocal with those of the other. If the body is sick, or weak, or exhausted, or inflamed, or sleepy, or exhilarated, is not the mind equally so? Then to originate great thoughts, or to conceive pure and exalted sentiments, must not the brain be in a vigorous state? And in order to acquire cerebral vigor, must not all the bodily functions be equally vigorous? And to this end, must not those health-laws which cause this vigor be observed? Of what avail the learning of the sickly scholar, the talents of the invalid, or the goodness of the pious dyspeptic? They can do nothing, can enjoy nothing—are but a burden to themselves and friends. Can we think, or remember, or study without that energy furnished by the body? No more than move machinery without motive power. How, then, can that boy become a great or learned man without possessing physical vigor? Or that delicate and beautiful girl a capable or good woman, wife, or mother without possessing animal vigor? Let it be forever and everywhere remembered, that

both judgment and memory, reason and poetry, eloquence and philosophy, even morality and religion, all the virtues and all the vices—in short, one and all of the human functions, are carried forward by animal power. Even the very sensual pleasures of the debauchee are exercised by this very animal force, and weaken when and because it declines. And as physical power depends on the observance of certain physical laws, the violation of which weakens both body and mind, of course the first duty of every human being to himself and Creator—of parents to their children—of ministers to people—writer to reader, and one to all, is to

LEARN AND OBEY THE HEALTH-LAWS.

And on this point is just where our whole educational system—collegiate especially—is radically defective. It eclipses more genius by weakening the body than it eliminates by study. Children are always smarter and better relatively than adults, because injured by that false educational system which impairs mind, memory, and morals by breaking down a good physical constitution. The Romans appropriately named their schools “gymnasia,” from those muscular exercises which both formed their leading feature, and secured a strong mind by strengthening the body. Our schools and colleges are, and will continue to be, fundamentally defective, till remodeled upon the basis of health, and as a means of scholarship and talents. Of late years our colleges make much of boating, base-ball and gymnastics, but mainly those already strong do all the work, while those who need it most stand back from very shame and do not expose their lack of power, or exercise to improve it.

Nor intellect merely, but our very morals and piety, depend on health. Can we even pray or worship without vitality? And what is more, the very vices of mankind are consequent mainly on the infringement of the physical laws.

Hereditary conditions in parents cause depravity in their children; yet even they do it by deranging the body. It is what men eat and drink, it is how they live, sleep, etc., it is their physiological conditions and habits, that cause nine-tenths of human depravity. Are not both children and adults depraved when cross, and cross because sick; that is, rendered sinful by being unwell? Who does not know that drinking engenders depravity—makes the best of men bad? But why,

and how? By disordering the body. And since by alcohol, why not by tobacco, gluttony, or any other wrong physical state? Are not drunkenness and debauchery concomitants? Are not dyspeptics always irritable? The truth is, that all abnormal physical action causes abnormal mental action, which is sin. To become good, and answer the end of their being, men must live right—must learn to eat right, and sleep, exercise, bathe, breathe, etc., in accordance with nature's requisitions. And nine-tenths of the evil in men have this purely physical origin, and can be cured by physical means.

Health is the natural state of man, animal, vegetable, all that lives—is the ultimate of life. Like all else in nature, it has its laws; and these laws obeyed, will render it perfect from birth to death. It even requires immense violation of these laws seriously to impair it. Bird and beast are rarely unhealthy, except when rendered sickly by man. Has our benevolent Creator granted this greatest of boons to beasts, but denied it to man? He has not. The natural state is health, for there are health-laws, which, if obeyed, guarantee the very perfection of health. And the health-laws are as much laws of God—written by his finger on our very constitution—as the Decalogue. In short, none have any business to be sick. It is alike the privilege, as it is the sacred duty of one and all to be and keep well: that is, to observe the health-laws, and of parents to keep their children well.

“But, you forget that sickness and death are God's chastising messengers, his special providence.” Are they, indeed? Then in all conscience submit patiently, passively to them. Take no medicines. Do nothing whatever to restore health, for in so doing you resist Providence—you disobedient child. If sickness is providential, every attempt at restoration is open, direct rebellion against God—is practically saying to Him: “I know you sent this sickness as a providential messenger of good to me; but I am not going to be sick; I am going to get well if I can, in spite of Providence.” The fact is, nobody believes practically that sickness is providential; for, if so, their every restorative effort, nursing, medicine, all, is downright rebellion.

This ascribing sickness and premature death to Providence has killed millions. Long enough has it thrown on our heavenly Father the effects of our own sinful violation of his health-laws. Health is either governed by law, or it is not. If thus governed, it is cause and effect, not providential, except as the rising of the sun and all else in nature is providential. Therefore, oh man, know that health is both your first privilege and bounden duty, and both learn and fulfill its conditions.

EXISTING STATES OF HEALTH, AND ITS IMPROVEMENT.

While this condition has a most important influence on both the quantity and quality of all the mental manifestations, yet to mark it correctly, without aid from those examined, is exceedingly difficult. It may seem good, when actually poor, because its functions may be exhilarated by inflammation, which both perverts and weakens; or it may seem much poorer than it really is, because of merely temporary debility, while the heart's core remains sound. But its serious impairment leaves all the functions, phrenological included, proportionally less vigorous than the sizes of their organs indicate. Those who have health—

7.—Are full to overflowing of life, buoyancy, light-heartedness, and ecstasy; are strong and lively; enjoy food, sleep, action, nature, all the physical functions, to the highest degree; rarely ever have a pain or ache, or become tired; can do and endure almost any and everything; withstand miasma and disease remarkably; recuperate readily; experience a certain gash, glow, vivacity, and briskness in the action of all the faculties; as well as the highest and most perfect flow and exercise of each of the life-functions.

6.—Are healthy and happy; exercise all the organs with vigor and power; turn everything into pleasure, and dash off trouble as if a mere trifle, and yet can endure any amount of pain and exposure; feel jubilant and joyous year in and year out; and do everything easily, all the functions being condensed and hearty, and the whole being full of snap and life.

5.—Have a good, full share of life-force, vigor, and vivacity—of health, happiness, desire and ability to perform, enjoy,

and accomplish; can stand a good deal, but must not go too far, and have sufficient stamina for all practical purpose, but none to spare or waste foolishly.

4.—Have fair, average health, if it is well cared for, yet are sometimes subject to ailments; are in the main healthy and happy, but must live regularly; experience rather a tame, mechanical action of all the faculties, instead of that zest and rapture imparted by perfect health; can accomplish and enjoy much, but must take things leisurely; if careful, can live on and wear a good while yet, but if careless, are liable to break down suddenly and finally; and become irritable, dissatisfied, dull, forgetful, and easily fatigued, and must cherish what health remains.

3.—Are deficient in animation and recuperative power, and feel tired and good for nothing most of the time; with activity 6 or 7 are constantly overdoing, and working up in mental or physical action those energies which ought to go to the restoration of health, not to labor; need abundance of rest and recreation, and give out at once if deprived of sleep; must stop all unnecessary vital drains, such as chewing, smoking, drinking, late hours, and all forms of dissipation, and should eliminate all the vitality possible, but expend the least.

2.—Are weakly, sickly, and inert; feeble in desire and effort; capable of enduring and enjoying but little; live a monotonous, listless, care-for-nothing, half-dead-and-alive life, and must either restore health or give up, and enjoy comparatively nothing.

1.—Having barely life enough to keep soul and body together; are just alive, and have almost lost life's pleasures, powers, desires, and aspirations.

TO CULTIVATE.—First ascertain what causes your disease or debility; if heart, lungs, muscles, stomach, etc., are marked low, apply special culture to the weak organs—see the cultivation of each—and assiduously study the health-laws, and conscientiously fulfill them, making everything else subservient thereto. Especially take extra pains to supply vitality, but waste none in any form of excess.

RESTRAIN YOU NEED NOT.—Health can not be too good.

When, however, you find a surplus of animal vigor, work it up in one or another of life's ends and efforts.

4.—THE TEMPERAMENTS.

This term has long been employed to designate certain physical constitutions as indicative of certain mental characteristics. The idea expressed in our definition of "hereditary organism" is very like that of the temperaments. They were formerly classified thus: The Nervous, indicated by light complexion, large brain, and smaller stature, and indicating superior talents, refinement, and scholarship; the Bilious, indicated by dark complexion, large bones, powerful muscles, prominent features, and a large and spare form, and indicating by a supposed surplus of bile, irritability, violence of passion, and melancholy, along with strength of character; the Sanguine, indicated by a florid complexion, sandy hair, blue eyes, fullness of person, and abundance of blood, and indicating warmth, ardor, impulsiveness, and liability to passionai excesses; and the Lymphatic, indicated by full, plethoric habit, distended abdomen, excessive adipose deposit, and indicating a good, cosy, lax, enjoying disposition, with a stronger preclivity to sensuous pleasures, rather than intellect or action of any kind. But this classification is practically discarded. We propound the following

NEW CLASSIFICATION AND DEFINITIONS OF TEMPERAMENTS.

Man is composed physically of three great classes of organs, the predominance or deficiency of each of which is called a predominant or deficient temperament, both giving a particular form to the body—shape being its index—and likewise a particular set of phrenological developments, and consequent traits of character. That is, given forms of body indicate and accompany special talents, dispositions, and mental proclivities; and the art in delineating phrenological character depends in a great degree on reading correctly the temperament and organic conditions, and their controlling influence on character; for they exert, as it were, the ground-swell as to the direction and action of the phrenological manifestations. Thus Causalty, with the vital temperament predominant, takes on the phase of planning, of common sense, of reasoning on matter, of adapting ways and means to ends, etc. But with

the nervous or mental predominant, the same sized Casualty manifests itself in logic, metaphysics, investigation, the origination of ideas, in intellectual clearness and power, etc. And it requires the sharpest eye and clearest head in the examiner to discern the bearings and influences of these temperaments and organic conditions on the intellectual and moral manifestations. And the mistakes of amateurs, of connoisseurs even, are more temperamental than phrenological. Still they are sometimes consequent on health conditions. Thus the same person in one state of health is irritable, violent, pas-sional, perhaps even sensual and wicked, who in another physical condition is amiable, even-tempered, moral, and good. A given amount of ideality is much more ideal, of language much more expressive, of the affections more affectional, and moral tone more lofty, in combination with the mental temperament than vital. But our proposed limits do not allow us to extend our observations. Still, the following descriptions give the outline, and put inquirers on the track of further observations.

5.—THE VITAL TEMPERAMENT.

This embraces the heart, lungs, stomach, liver, bowels, and that entire system of internal organs which creates life-force.

The large end of a good egg is warmer than its other parts, because its vitality resides there; but, this cold, life is extinct. Incubate it a short time, and break the shell at this end, and you will find the heart palpitating and blood-vessels formed—the yolk furnishing the required nutrition. The vital apparatus forms first, and deposits the material for forming the other portions; is more active during juvenility than the other parts; sustains the whole animal economy; is the source of all power and energy; creates animal heat; resists cold and heat, disease and death; and re-supplies muscle, brain, and nerve with that life-power expended by their every exertion. It is to the man what fire, fuel, water, and steam are to machinery—the *vis animae*, the *primum mobile*—the first great pre-requisite of life itself and all its functions.

Its decided predominance is accompanied by a round head, well developed at the base, large Amativeness, Acquisitive-

ness, Alimentiveness, Benevolence, and Language; large organs of the animal propensities generally; a rapid widening of the head from the corners of the eyes to the tips of the ears; side-head spherical and well filled out; fore-head generally full or square, and broad rather than high.

7.—Those having the vital temperament very large, are fleshy; short and broad built; deep and large-chested; broad and round-shouldered; impetuous; impulsive; enthusiastic;



Fig. 2.—VITAL TEMPERAMENT.

hearty; good livers; fond of meats, condiments, stimulants, and animal pleasures; have a strong, steady pulse; large lungs and nostrils; a full habit; florid complexion; flushed face; light or sandy hair and whiskers; sound and well-set teeth; great endurance of fatigue, privation, and exposure; great love of fresh air, out-of-door exercise, and physical action, but not of hard work; a restlessness which can not endure in-door confinement, but must be abroad, and constantly doing something; great zeal, ardor of desire, and more practical common sense than book learning, and of general knowledge of men and things than accurate scientific attainments; more shrewd-

ness and off-hand talent than depth; more availability than profundity; and love of pleasure than power of thought.

№6.—Are like 7, though not in as great extremes; generally fleshy and of good size and height, if not large; well-proportioned; broad-shouldered; muscular; prominent and strongly-marked in features; coarse and homely; stern and harsh; strong, but often awkward, and seldom polished; best adapted to some laborious occupation, and enjoy hard work more than books or literary pursuits; have great power of feeling, and thus require much self-government; possess more talent than can exhibit to others; manifest mind more in business, in creating resources and managing matters, than in literary pursuits, mind as such; prefer some light, stirring, active business, but dislike drudgery; turn everything, especially bargains, to good account; look out for self; get a full share of what is to be had: feel and act out, "every man for himself," and are selfish enough, yet abound in good feeling; incline to become agents, overseers, captains, hotel-keepers, butchers, traders, speculators, politicians, public officers, aldermen, contractors, etc., rather than anything requiring steady or hard work; and are usually healthy, yet very sick when attacked, brought at once to the crisis, and predisposed to gout, fevers, apoplexy, congestion of the brain, etc.

5.—Have a good share of life-force, yet none to spare; withstand a good deal, yet must not waste vitality, and should live in a way to improve it.

4.—Have sufficient vitality to sustain life, and impart a fair share of energy to the functions, but by no means sufficient to put forth their full power, and should make its increase a first life-object.

3.—Do not make vitality as fast as it can and ought to be used; are often half prostrated by a feeling of languor and lassitude; can keep about doing all the time if slow, and careful not to overdo, the liability to which is great when Activity is 6 or 7; need much rest; can not half work, or enjoy either body or mind; suffer much from fatigue and exhaustion, and would be glad to do, but hardly feel able.

2.—Are too weak and low to be able either to do, enjoy, or accomplish much; should both give the vital organs every possible facility for action, and also husband every item of

vitality; be extremely careful not to overwork, and spend much time in listless, luxuriating ease, while nature restores the wanting vitality.

1.—Are almost dead from sheer inanition.

TO CULTIVATE.—Ascertain which of the vital organs is deficient, and take all possible pains to improve its action; see directions for increasing the action of heart, lungs, stomach, etc.; alternate with rest and exercise; “away with melancholy,” banish sadness, trouble, and all gloomy associations, and cultivate buoyancy and light-heartedness; enjoy the present, and make life a glorious holiday instead of a weary drudgery; if engaged in any confining business, break up this monotony by taking a long leave of absence—a long journey, by horticulture, or parties, or frolics with children; by going into young and lively society, and exercising the affections; bringing about as great a change as possible in all your habits and associations. Especially cultivate a love of everything beautiful and lovely in nature, as well as study her philosophies; bear patiently what you must, but enjoy all you can; keep doing all you are able, but other things than formerly, and what interests you. You should especially be regular in sleep, exercise, eating, and all the vital functions, as well as be temperate in all things; and above all, keep your mind toned up to sustain the body; aid your weak organs by will-power—that is, bring a strong will to aid digestion, breathing, etc., and keep yourself up thereby. Determine that you won’t give up to weakness or death, but will live on and keep doing in spite of debility and disease. Fight life’s battles like a true hero, and keep the head cool by temperance; the feet warm by exercise; the pores and evacuations open by ablution and laxative food; and heart warm by cherishing a love of life and its pleasures. And don’t fail to keep up the habit of a gentle pounding and frequent brisk rubbing of chest, abdomen, and feet, so as to start the mechanical action of the visceral organs. Nothing equals this for revivifying dormant or exhausted vitality, and none are too poor or too much occupied to avail themselves of it.

TO RESTRAIN.—Those who manufacture vitality faster than they expend it, are large in the abdomen; too corpulent; even obese; often oppressed for breath; surcharged with

organic material; too sluggish to expend vitality as fast as it accumulates, and hence should work, work, and with all their might, and as much as possible with their muscles, and out of doors; should eat sparingly, and of simple food; avoid rich gravies, butter, sweets, fat, and pastry, but live much on fruits and lean meats if meat is eaten; sleep less; keep all the excretory organs free and open by an aperient diet, and especially the skin by frequent ablutions, the hot bath, etc.; breathe abundantly, so as to turn up the surplus carbon; sit little, but walk much; never yield to indolence; work up energy by hands and head, business and pleasure any way, every way, but keep consuming vitality as fast as possible. Some fleshy persons, especially females, give up to indolence and inanity; get "the blues," and lounge on rocking-chair and bed. What is wanted is to do, not to loiter around. Inertia is your bane, and action your cure. If flushed, feverish, nervous, etc., be careful not to over-do, and rely on air, warm bath, and gentle but continued exercise, active or passive, but not on medicines.

THE LUNGS—BREATHING.

All that live, down even to vegetables and trees, breathe—must breathe in order to live—live in proportion as breathe—begin life's first function with breathing, and end its last in their last breath. And breathing is the most important function of life from first to last, because the grand stimulator and sustainer of all. Would you get and keep warm when cold, breathe copiously, for this renews that carbonic consumption all through the system which creates all animal warmth. Would you cool-off and keep cool in hot weather, deep, copious breathing will burst open all those myriads of pores, each of which, by converting the water in the system into insensible perspiration, casts out heat, and refreshes mind and body. Would you labor long and hard, with intellect or muscle, without exhaustion or injury, breathe abundantly; for breath is the great re-invigorator of life and all its functions. Would you keep well, breath is your great preventive of fevers, of consumption, of "all the ills that flesh is heir to." Would you break up fevers, or colds, or unload the system of morbid matter, or save both your constitution and doctor's fee, cover up warm, drink soft water—cold, if you have a robust constitution sufficient to produce a reaction; if not, hot water should be

used—then let in the fresh air, and breathe, breathe, breathe, just as fast and as much as possible, and in a few hours you can “forestall and prevent” an attack of disease; for this will both unload disease at every pore of skin and lungs, and infuse into the system that *vis animae* which will both grapple with and expel disease in all its forms, and restore health, strength, and life. Nature has no panacea like it. Try the experiment, and it will revolutionize your condition. And the longer you try, the more will it regenerate your body and your mind. Even if you have the blues, deep breathing will soon dispel them, especially if you add vigorous exercise. Would you even put forth your greatest mental exertions in speaking or writing, keep your lungs clear up to their fullest, liveliest action. Would you even breathe forth your highest, holiest orisons of thanksgiving and worship—deepening, your inspiration of fresh air will likewise deepen and quicken your divine inspiration. Nor can even bodily pleasures be fully enjoyed except in and by copious breathing. In short, proper breathing is the prime essential of all physical, and thereby of all mental and moral, function and enjoyment.

7 and 6.—Have either a full, broad, round chest, or a deep one, or both; breathe freely, but rather slowly; fill the lungs clear up full at every inspiration, and empty them well out at every expiration, are warm, even to the extremities; red-faced; elastic; buoyant; rarely ever subject to colds, and cast them off readily; feel buoyant and animated, and are thus qualified to be vigorous in all the functions, physical and mental.

5 and 4.—Are neither pale nor flushed, neither ardent nor cold, but a little above medium in these respects, and somewhat liable to colds.

3.—Breathe little, and mainly with the top of the lungs; move the chest but little in breathing, and the abdomen less, perhaps none at all; are often pale, yet sometimes flushed because feverish; frequently should draw in long breaths; are quite liable to colds and coughs; often have blue veins and goose-flesh, and are frequently tired, listless, and sleepy, and should take particular pains to increase lung action.

2.—Are strongly predisposed to lung diseases; have blue veins and sallow complexion, and are very subject to coughs

and colds; are often dull, and always tired: frequently catch a long breath, which should be encouraged by making all the breaths long and frequent; are predisposed to lung diseases, but may stave them off, provided proper means are adopted; break up colds as soon as possible, and take particularly good care of health.

1.—Have barely lung action enough to live, and every function of body or mind is poorly performed.

TO CULTIVATE.—First, and mainly, breathe deeply and rapidly; that is, draw long and full breaths; fill your lungs clear up full at every inspiration, and empty them out completely at every expiration: not only heave the chest in breathing, but work the abdomen. To do this, dress loosely and sit erect, so that the diaphragm can have full play; begin and keep up any extra exertion with extra lung action; often try how many deep and full breaths you can take; ventilate your rooms, especially sleeping apartments, well, and be much of the time in the open air; take brisk walks in cool weather, with special reference to copious respiration; and everywhere try to cultivate full and frequent lung inflation, by breathing clear out, clear in, and low down—that is, make all your breathing as when taking a long breath.

THE CIRCULATION.

“For the blood thereof is the life thereof.” The blood is the great porter of the system; carries all the material with which to build up and repair every part, and hurries off all the waste material, which it expels through lungs and skin.

And the heart is this circulatory instrumentality. Without heart, even lungs would be of no account, nor heart without lungs. They are twin brothers, are co-workers at the very fountain-head of life and all its energies. Even diseased organs are unloaded of morbid matter, re-animated, and re-built mainly by blood. Blood, good or poor, the whole system, brain and mind included, is in a good or poor condition; but blood wanting, all is wanting; heart poor, all is poor; heart improved, all improved.

7 and 8.—Have an excellent and uniform circulation, and warm hands, feet, and skin; seldom feel chilly; withstand

cold and heat well; perspire freely; have a slow, strong, steady pulse, and are not liable to sickness.

5 and 4.—Have a fair, yet not remarkably good, circulation, and generally, though not always, warm hands and feet; are not much pinched by cold; perspire tolerably freely, yet better if more; and need to promote circulation, at least not impede it.

3.—Have but poor circulation, along with uneasiness and palpitation of the heart; are subject to cold hands and feet, headache, and a dry or clammy skin; find the heart to beat quicker and stronger when drawing than expiring breath: are chilled by cold, and overcome by hot, weather; are subject to palpitation of the heart on any extra exertion, walking fast or up-stairs, or a sudden startle, etc., and very much need to equalize and promote the circulation.

2.—Have weak circulatory functions, and either a fluttering pulse, very fast and very irregular, or it is weak and feeble; suffer from chilliness, even in summer; are very much affected by changes in the weather; very cold in the extremities, and suffer much from head-ache and heat and pressure on the brain; are subject to brain fever, and often a wild, incoherent action of the brain, because the blood which should go to the extremities is confined mainly to the head and vital organs; feel a sudden pain in the head when startled or beginning to put forth any special exertion, and suffer very much mentally and physically from heart affections and their consequences.

1.—Have scarcely any pulse, and that little is all on a flutter; are cold, and “more dead than alive.”

TO CULTIVATE.—Immerse hands and feet daily in water as hot as can be borne, ten minutes, then dash on or dip in cold water, and rub briskly, and heat by the fire till warm, and follow with active exercise, breathing at the same time according to directions just given: if there is heat or pain about the heart, lay on a cloth, wrung out of cold water at night; rub and pat or strike the chest on its upper and left side, and restrain appetite if it is craving, and cultivate calmness and quiet. If sufficient vitality remains to secure reaction, putting the feet in ice-cold water will be of great service. Avoid coffee, tobacco and spices, as the use of these

affect the action of the heart. Most of the sudden deaths by heart failure may be referred to the use of these articles.

TO RESTRAIN is not necessary, except when excessive circulation is consequent on disease, in which case remove the cause. A healthy circulation can not be too great.

DIGESTION.

By that truly wonderful process, digestion, food and drink are made to subserve intellect and moral sentiment—converted into thought and emotion. Then, must not different kinds of food produce different mental and moral traits? A vast variety of facts answer affirmatively. Rollin says that pugilists, while training for the bloody arena were fed exclusively on raw meat. Does not the food of lion, tiger, shark, eagle, etc., re-increase their ferocity, and that of deer, dove, and sheep redouble their docility? Does not this principle explain the ferocity of the Indian, force of the Anglo-Saxon, and subserviency of the Hindoo? Since alcoholic drinks excite the animal passions more than the intellectual and moral faculties, why not also meats, condiments, and all stimulating food as well? And why not vegetables and the cereals, by keeping the system cool, promote mental quiet, intellectual clearness, and moral elevation? At all events, less meats and more vegetables, grains, and fruits would render men less sensual, and more talented and good. And those who would become either, must mind what and how they eat.

STOMACH. 7.—Can eat, and digest perfectly; can live on little, or eat much, and need not be very particular as to diet.

6.—Have excellent digestion; both relish and dispose of food to perfection; are not liable to dyspepsia; have good blood, and plenty of it, and a natural, hearty appetite, but prefer the substantials to knick-knacks; hate a scanty meal, and have plenty of energy and good flesh.

5.—Have good but not first-rate digestion, and it will continue good till bad eating impairs it, still must not invite dyspepsia by bad living.

4.—Have only fair digestive vigor—too little to be abused—and need to promote it.

3.—Have a weak digestive apparatus, and variable appe-

tite—very good, or else very poor; are a good deal pre-inclined to dyspepsia; often feel a goneness and sinking at the stomach, and a general lassitude and inertia; sleep poorly, and feel tired and qualmish in the morning; have either a longing, hankering, pining, hungry feeling, or a loathing, dainty, dormant appetite; are displeased and dissatisfied with everything; irritable and peevish, dispirited, discouraged, gloomy, and miserable; feel as if forsaken and neglected; are easily agitated, and oppressed with an indefinable sense of dread, as if some impending calamity awaited them; and should make the improvement of digestion the first business of life.

2 and 1.—Are like 3, only more so. Everything eaten gives pain, and life is but a burden.

TO CULTIVATE.—Eat simple, plain, dry food, of which unbolted wheaten bread, and especially crackers made of the same, are best; and but little at that, especially if the appetite is ravenous; and masticate and salivate thoroughly; eat in a cheerful, lively, pleasant spirit, talking and laughing at meals; consult appetite, or eat sparingly and leisurely that which relishes; boiled wheat, or puddings made of wheaten flour, or grits, or oatmeal, or rye-flour eaten with milk and fruit, being the best staple article—wheat or Graham flour thoroughly boiled; should eat little after 5 P. M., and if hurried in business, before or after, but not during business hours, nor in a hurried, anxious state of mind, but as if determined to enjoy it; above all, should cast off care, grief, business anxieties, troubles, and all painful remembrances and forebodings, and just luxuriate in the passing moment.

Dyspepsia, now so alarmingly prevalent, is quite as much a mental as corporeal disease—is consequent more on a worried, feverish, unhappy state of mind, than stomachic disorder merely. It is usually brought on by eating very fast right after working very hard, and then working very hard right after eating too fast and too much, which allows little energy to go to the stomach, so that its contents ferment instead of being digested, which inflames the whole system, and causes the morbid action of both the mental and physical functions. This inflammation creates a morbid, craving, hankering, appetite, as well as a general irritable state of mind. But the more food is eaten the more it inflames the stomach, and thereby increases these morbid hankerings; while denying

appetite diminishes this inflammation and consequent hungering and irritability. Sometimes eating gives temporary relief at first, before what has just been eaten ferments, but only increases the pain soon afterwards. Starvation is the cure in all cases of a craving appetite, but a poor appetite needs pampering, by providing any dainties that may relish. Or, perhaps the system is pining for want of some special aliment. If so, the appetite will hanker after it, and should be gratified, provided it be a proper alimentary article. See Alimentiveness. Above all, avoid alcohol and tobacco in all their forms, and also tea and coffee, using, instead, a coffee made by browning wheat, rye, peas, corn, sweet potatoes, bread, etc., and prepare the same as Java.

Next, rub and pat, or lightly pound the stomach, liver, and bowels. While in college, a graduate came around advertising a specific panacea for dyspepsia, but requiring secrecy. It consisted simply in rubbing and kneading the abdomen. This supplies that mechanical action which restores them to normal action. Those manual exercises, which call the abdominal muscles into special action, are pre-eminently useful, such as rowing, chopping wood, hoeing, and various gymnastic exercises.

If the stomach is sore or painful, lay on at night a wet cloth, with a dry one over it, folded several thicknesses. If the bowels are torpid, induce an action of them at a given hour daily, and live much on boiled wheat, unbolted wheaten bread, and puddings, figs, and fruits if the stomach will bear them. Observe all the health-laws with scrupulous fidelity, relying more on nature, but little on medicines, and remit no efforts and spare no exertions to restore digestion; for, till you do, you can only half think, study, remember, feel, transact business, or do or enjoy anything.

TO RESTRAIN it, make less a god of the appetite, direct, or work up in other respects those energies now consumed by the stomach, and "be temperate in all things."

THE ABDOMINAL VISCERA complete the digestive functions. The stomach may solve its food, yet dormant liver, intestines, and mesentery glands fail to appropriate it. Or the latter may be good and the former poor.

7 and 6.—Are very fleshy, round favored, and fat, and

assimilate food material faster than is consumed, besides sleeping well, and enjoying ease and comfort, and do only what must be done.

5 and 4.—Have a good, fair share of flesh and abdominal fullness, and appropriate about as much food as their system requires.

3.—Are rather slim, poor in flesh, and gaunt; may digest food well, but sluggish bowels and mesenteries fail to take up and empty into the circulation enough to fully sustain the life-functions, and have hence strong tendencies to constipation.

2.—Are very slim, poor dormant, weak, and dyspeptic.

TO CULTIVATE.—Eat aperient food, and keep the whole system open and free as possible.

TO RESTRAIN.—Breathe deeply, work hard, and eat lightly.

6.—MOTIVE OR MUSCULAR TEMPERAMENT.

Motion is a necessity, an essential part and parcel of life itself. What could man do or be without it? How walk, work or move? How even breathe, digest, or circulate blood?—for what are these, indeed all the physical functions, but action in its various phases?

And this action is affected by means of bones and muscles or fibres, the fleshy portions of the system. These bones constitute the foundation on which the muscular superstructure is built, are articulated at their ends by the joints, and firmly bound together by ligaments, yet allowed free motion. Toward the middle of these bones the muscles are firmly attached, so that when they contract they give motion to the end of the bone opposite the belly of the muscle. These muscles, of which there are some 527 in the human body, constitute the lean meat or red flesh of all animals, and are rendered red by the immense number of minute blood-vessels which are ramified upon every fibre of every muscle, in order to supply that vital power which is expended by its exercise. The contractile power of these muscles is truly astonishing, as is evident from the wonderful feats of strength and agility of which man is capable; and that, too, though these muscles act under a great mechanical disadvantage.

These bones and muscles collectively constitute the framework of the system—give it its build and form—are to the man what the timbers, ropes, and pulleys are to the ship, and constitute the Motive Temperament. Its predominance confers power of constitution, and strength of character, and feeling.



Fig. 3.—MOTIVE TEMPERAMENT.

7.—Are lean, spare; of good size and height, and athletic; have strongly marked features; a large, Roman nose; high and large cheek-bones; large and broad front teeth—all the bones of the body projecting; a deep, grum, bass voice; distinctly marked muscles and blood-vessels; large joints; hard flesh; great muscular power or physical strength; ease of action, and love of physical labor, of lifting, working, etc.; dark, and often coarse, stiff, abundant, and perhaps bushy hair; a black and heavy beard; dark skin and eyes; a harsh, expressive visage; strong, but coarse and harsh feelings—the movements like those of the draught-horse, slow, but powerful and efficient; tough; thorough-going; forcible; strongly marked, if not idiosyncratic; determined and impressive both

physically and mentally; and stamp their character on all they touch.

The motive, 7, mental, 6, and vital, 5, are capable of powerful and sustained mental effort, and great power in any department, especially that of mind as mind, of swaying a commanding influence over mankind, taking the lead in a large business, etc.

This Temperament is always accompanied by prodigious coronal and perceptive regions, Firmness and Combative-ness, and large Destructiveness—its natural accompaniment—the very organs required to increase its force and efficiency, and indispensable to its exercise.

6.—Are like 7, except less in degree; are tough, hardy, and strong constitutioned; evince power, efficiency, and force in whatever they undertake; use strong expressions; are limber-jointed, and both need and can endure a world of action and fatigue; are like a fire made of hard wood, or anthracite coal, making a slow but powerful and continuous heat, and will make a decided mark in the business world, or in whatever other department these energies may be exercised. With the vital 6 or 7, and the mental 3 or 4, are broad and prominent in form; large, tall, well-proportioned, broad-shouldered, and muscular; usually coarse-featured, homely, stern, and awkward; enjoy hard work more than books or literary pursuits; have great power of feeling, and thus require much self-government; are endowed with good sense, but have a poor way of showing it; are strong minded, but possess more talents than power to exhibit them; manifest talents more in managing machinery, creating resources, and directing large operations than in mind as such; improve with age, growing better and more intellectual as they grow older; accomplish wonders; are hard to beat, indomitable, and usually useful citizens, but endowed with strong passions when once roused; and capable of being deeply depraved, especially if given to drink.

5.—Have a good share of the hearty, enduring, efficient, and potential; move right forward, with determination and vigor, irrespective of hindrances, and bring a good deal to pass; and are like 6, only less so.

4.—Are not deficient in motive power, yet more would be better; wrought up by special circumstances, can put forth

unwonted strength, but it will be spasmodic, and liable to overstrain; can work hard, but are loth to; prefer the sedentary to the active, and business to labor; with the vital 6 or 7 are indolent physically, and do only what they must, and need to cultivate muscular power.

3.—Dislike work; prefer sitting to moving, and riding to labor; may be quick and flashy, but are not powerful; lack strength and weight of character; need much more exercise than they love to take; and first of all should cultivate both muscular action and strength of character. With the vital 6, and mental 6 or 7, are rather small-boned, but plump, well formed, light complexioned, and often handsome; have usually auburn or brown hair; are most exquisitely organized, most pathetic and sympathetic, sentimental, exalted, and spiritual; have redoubled glow and fervor of feeling, derived from both the vital and mental, which they are hardly able to contain; easily receive and communicate impressions; are quite too much influenced by first impressions, and intuitive likes and dislikes; have hobbies; are most enthusiastic; throw a great amount of feeling into everything; use strong and hyperbolical expressions; are fond of company, if not forward in it; have a quick, clear, sharp, keen, active mind, and good business talents; a ready flow of ideas and a talent for communicating them, either on paper or in social conversation; show taste, refinement, and delicacy in everything; have an under-current of pure virtuous feeling, which will prevent the grosser manifestation of animal passion, and give the intellectual and moral the ascendancy; sin only under some sudden and powerful excitement; are passionately fond of poetry, novels, tales, light and sentimental reading, belles-lettres, newspapers, etc., and inclined to attempt this kind of composition; have a retentive memory, shrewdness, smartness, and enough of selfishness to take good care of self, yet not sufficient momentum or power to become great, but are rather effeminate. This temperament is found much oftener and more perfect in the female than male. Children thus organized are precocious, and liable to die prematurely, and their physical culture would save to their parents and the world those brightest stars which now generally set while rising, to shine no more on earth.

Mental 7, vital 5, and motive 3, may be smart, but can not

be great: may be brilliant, but are flashy, meteoric, vapid, too emotional, imaginative, and impulsive, and like a fire made of pine wood or shavings—intense, but momentary.

2 and 1.—Work, walk, move, and use muscles only when obliged to; run much more to the emotional and vapid than potential, and should cultivate the muscles assiduously.

MUSCULAR EXERCISE is indispensable to greatness and happiness. By a law of things, all parts must be exercised in about equal proportions. When the brain is worked more than the muscles, it becomes partially congested, loses its snap, leaves the mind dull, memory indefinite, and thought obtuse, which exercise remedies. None need ever think of becoming great intellectually, however splendid their heads or temperaments, without a world of vigorous exercise—of real hard work, even. All eminent man have laid the foundations of their superiority by working hard during their minority, and continuing to exercise daily through life; while those students brought up without labor rarely take a high intellectual stand, except in parrot-like scholarship. They always lack vim and pith, and close, hard thought. And this deficiency grows on them. J. Q. Adams always rose before the sun to take his exercise, and as he became old took much of it in swimming, which he said gave the required exercise without heating his blood. Benton took a great amount of exercise. Jefferson always worked “like a Trojan.” Polk rose before the sun to take his morning walk. Webster would have his seasons of hunting, fishing, and rowing, besides taking a daily walk. Washington was a robust, hard-working farmer and soldier. Physical exercise is as indispensable to greatness as the intellectual organ themselves. And one principal reason why so many men, having all the phrenological indications of greatness, do not distinguish themselves, is a want of physical exercise.

TO CULTIVATE.—Take all the muscular exercise you can any way endure, but only gentle: make yourself comfortably tired every day; choose those kinds of exercise most agreeable, but practice some kind assiduously; dance more and sit less; if a child, should be allowed to run and play, to skate and slide down hill, romp and race, climb and tear around all it likes, and furnished with playmates to encourage this out-

of-door life. Fear neither exposure nor dirt, clothes or shoes, or anything else that furnishes this great desideratum—exercise.

TO RESTRAIN.—Use your muscles less and brain more.

7.—THE MENTAL TEMPERAMENT.

This embraces the brain and nerves, or that portion of the system called into exercise in the production of mind as such—thought, feeling, sensation, memory, etc.

The brain consists at first of a mere ganglion of nervous matter, formed at the top of the spinal column. From this it is developed upward and forward through infancy and childhood to perfect manhood, measuring from twenty-one to twenty-four inches in circumference with corresponding height.

The construction of the brain is most interesting. Its internal portion is white and fibrous, while its outer is grey and gelatinous. It is folded up into layers, called convolutions, which are sometimes expanded, by dropsy of the brain, into a nervous sheet or web. These convolutions allow a great amount of nervous matter to be packed in a small compass, and their depth are proportionate to the amount of mind and talent. Thus in animals and idiots they are shallow; in men of ordinary talents, much deeper; while the dissectors of the brains of Cuvier, Lord Byron, and other great men, remark with astonishment upon their depth.

Some writers say five times as much blood is sent to the brain in proportion to its volume as is sent to any other portion of the system, some say eight times, others fifteen, and one twenty; but all agree as to the general fact. The difference between them is doubtless owing to the difference in the mental constitutions of those operated upon, intellectual subjects having the most. The distinctness and protrusion of the veins in the heads of great men, as also the immediate filling up of these veins when one laughs or becomes excited, have the same cause.

Through the medium of the spinal column, and by means of the nerves that go off from the spinal cord through the joints of the back-bone, the brain holds intercourse with every part of the body, the nerves being ramified upon every

portion of its surface, so that not even the point of a needle can penetrate any part of it without lacerating them, and thus producing pain. The spinal marrow is composed of four principal columns, the two anterior ones exercising voluntary motions, the two posterior ones sensation. Let the nerves that go off from the two posterior columns be severed at their root, and the parts on which they are ramified will be destitute of sensation, not feeling anything, though able to move; but on severing the nerves that go off from the two anterior columns, though the patient will feel the prick of the needle, he will be unable to move the limb to which the nerve goes. Now, observe that these two anterior or motor columns are in direct connection with the frontal portion of the brain, in which the intellectual organs are located, so that each can communicate freely with the other, while the two posterior columns, or those of sensation, are in connection with the back part of the brain, in which the organs of the feelings are located. They are most abundant on the outer surface of the body, and accordingly the skin and adjacent flesh is the seat of much more intense pain from wounds than the internal portions.

7.—These having a mental temperament very large, have a light build; small bones and muscles; a slim, tall, spare, sprightly person; quickness of motion; great physical activity—too much for strength, large brain for the body, sharp features; thin lips; thin, pointed nose; and sharp teeth, liable to premature decay. They are characterized mentally by a predominance of mind over body, so that its state affects the body more than the body mind; are in the highest degree susceptible to the influence of stimuli, and of all exciting causes; are refined and delicate in feeling and expression, and easily disgusted with anything coarse, vulgar, or out of taste; enjoy and suffer in the highest degree; are subject to extremes of feeling; have their disgusts, sympathies, and prepossessions easily excited; experience a vividness and intensity of emotion, and a clearness, pointedness, and rapidity of thought, perception, and conception, and a love of mental exercise imparted by no other temperament; are eager in pursuits, and feel that their ends are of the utmost importance, and must be answered now; are thus liable to overdo,

and prematurely exhaust the physical powers, which at best are none too good: are very fond of reading and study; of thinking and reasoning; of books and literary pursuits; of conversation, and all kinds of information, and apt to lie awake at night, thinking, or feeling, or reading: inclined to some profession or light mental occupation, such as a clerk, merchant, teacher, or, if a mechanic, should be a goldsmith, or something requiring light action, but not hard lifting—more head work than hand work; should avoid close applica-



Fig. 4.—MENTAL TEMPERAMENT.

tion; take much pleasurable recreation and exercise: avoid all kinds of stimulants, wines, tobacco, tea and coffee included: use vegetables, fruits and farinaceous food mostly; endeavor to enjoy existence; and avoid being worried.

6.—Are like 7 in character, only less in degree; more given to intellectual and moral than animal pleasures, and action than rest; can not endure slow or stupid employees; with the motive 6, are of good size; rather tall, slim, lean, and raw-boned, if not homely and awkward; have prominent bones and features, particularly front teeth and nose; a firm and

distinct muscle; a tough, wiry, excellent physical organization; a firm, straightforward, rapid, energetic walk; great ease and efficiency of action, with little fatigue; a keen, penetrating eye; large joints, hands, feet, etc.; a long face and head, and a high head and forehead; a brain developed more from the nose over to the occiput than around the ears; large intellectual and moral organs; strong desires, and great power of will and energy of character; vigorous passions; a natural love of hard work, and capacity for carrying forward and managing great undertakings; that thorough-going spirit which takes right hold of great projects with both hands, and drives into and through thick and thin, in spite of obstacles and opposition, however great, and thus accomplish wonders; superior business talents; unusual strength and vigor of intellect; strong common sense; good general judgment; with a large intellectual lobe, and a cool, clear, long, calculating head; a reflective, planning, discriminating cast of mind, and talents more solid than brilliant; are more fond of the natural sciences than literature; of philosophy than history; of the deep, solid branches than belles-lettres; of a professional and mental than laborious vocation; of mental than bodily action; and the moral than sensual.

5.—Have good, fair muscles; are quite prominent-featured, easy of motion, enduring, tough, hardy, clear-headed, and fond of intellectual pursuits; have good ideas, and excellent native sense and judgment; talk, speak, and write to the purpose, if at all; love action and exercise, and walk and work easily; are efficient, and capable of taking up a good life labor, but not a genius. With the vital 6, are sprightly, lively to a life of labor, but should choose some office business, yet vivacious, and happy; and with the motive 3, are not adapted to exercise a great deal—no matter how much.

4.—Have fair mental action, if circumstances fully call it forth; if not, are common-place; must depend for talents more on culture and plodding studiously than natural genius: with culture, can do well, without it little; with the motive and vital 6 or 7, are by far best adapted to farming or manual pursuits than literary, and should cultivate intellect and memory.

3.—Have little love for literary pursuits; are rather dull, and

fall asleep over books and sermons; and can not marshal ideas for speaking or writing.

2.—Are exceedingly dull of comprehension; slow of perception; poor in judgment and memory; hate books; must be told what and how to do; and should seek the direction of superior minds.

1.—Are almost senseless and idiotic.

8.—A WELL-BALANCED TEMPERAMENT

is by far the best. That most favorable to true greatness and general genius, to strength of character, along with perfection,



Fig. 5.—WELL-BALANCED TEMPERAMENT.

and to harmony and inconsistency throughout, is one in which each is strongly marked, and all about equally developed.

Excessive motive with deficient mental gives power with sluggishness, so that the talents lie dormant. Excessive vital gives physical power and enjoyment, but too little of the mental and moral, along with coarseness and animality. Excessive mental confers too much mind for body, too much sentimentalism and exquisiteness, along with greenhouse precocity. Whereas their equal balance gives an abundant sup-

ply of vital energy, physical stamina, and mental power and susceptibility. They may be compared to the several parts of a steamboat and its appurtenances. The vital is the steam-power; the motive, the hull or frame-work; the mental, the freight and passengers. The vital predominating, generates more animal energy than can well be worked-off, and causes restlessness, excessive passion, and a pressure which endangers outbursts and overt actions; predominant motive gives too much frame or hull; moves slowly, and with weak mental, is too light freighted to secure the great ends of life; predominant mental overloads, and endangers sinking: but all equally balanced and powerful, carry great loads rapidly and well, and accomplish wonders. Such persons unite cool judgment with intense and well-governed feelings; great force of character and intellect with perfect consistency; scholarship with sound common sense; far-seeing sagacity with brilliancy; and have the highest order of both physiology and mentality.

Most diseases, too, are consequent on this predominance or deficiency of one or another of these temperaments, and when either fail, all fail. Hence the infinite importance of cultivating those that are weak. A well-balanced phrenology equally important, and its absence unfavorable.

9.—SIZE OF BRAIN.

That size, other conditions being equal, is a measure of power, is a universal law. In general, the larger a piece of iron, wood, anything, the stronger; and large men and animals are stronger than those that are small. This is a natural law. Still, sometimes smaller men, horses, etc., are stronger, can lift, draw, and endure more than others that are larger, because they are different in quality, health, etc. But where the quality is the same, whatever is largest is proportionally the most powerful. And this undisputed law of things is equally true of the brain, and that mental power put forth thereby. All really great men have great heads—merely smart ones, or those great only in certain faculties or specialties of character, not always. The brains of Cuvier, Byron, and Spurzheim were among the heaviest ever weighed. True, Byron's hat was small, doubtless because his brain was conical, and most developed in the base; but its great weight establishes its great size. So does that of Bonaparte. Besides,

he wore a very large hat—one that passed clear over the head of Col. Lehmenuski, one of his body-guard, whose head measured 23 1-2 inches, so that Bonaparte's head must have measured nearly or quite 24 inches. Webster's head was massive, measuring over 24 inches, and Clay's 23 1-2; and this was about Van Buren's size; Chief Justice Gibson's, the greatest jurist in Pennsylvania, 24 1-2; and Hamilton's hat passed over the head of a man whose head measured 23 1-2. Burke's head was immense, so was Jefferson's, while Franklin's hat passed over the ears of a 24-inch head. The heads of Washington, Adams, and a thousand other celebrities, were also large. Bright, apt, smart, literary, knowing, even eloquent men, etc., often have only average, even moderate-size heads, because endowed with high quality, yet such are more admired than commanding; more brilliant than powerful; more acute than profound; though they may show-off well in an ordinary sphere, yet are not the men for great occasions; nor have they that giant force of intellect which molds and sways nations and ages. The phrenological law is, that size, other things being equal, is a measure of power; yet these other conditions, such as activity, power of motive, health, physiological habits, etc., increase or diminish the mentality even more than size. Quality is more important than quantity, but true greatness requires both cerebral quantity and quality.

Still, those again who have very large heads, are sometimes dull, almost foolish, because their quality is low. As far, then, as concerns Phrenology itself, this doctrine of size appertains to the different organs in the same head, as well as to different heads. Still this doctrine, that size is the measure of power, is no more a special doctrine of Phrenology than of every other department of nature. And those who object to this science on this ground are objecting to a known law of things. If size were the only condition of power, their cavils might be worthy of notice; as it is, they are not.

Though tape measurements, taken around the head, from Eventuality to Philoprogenitiveness or Parental Love, give some idea of the size of the brain, the fact that some heads are round, others long, some low, and others high, so modifies these measurements that they do not convey any very correct

idea of the actual quantity of brain. Yet these measurements range somewhat as follows in adults :

Circumference of Head in inches.	Nominal Size.	Adult Weight lbs.	Ind. to Occipital Spine below Philopro.	Opening of Ear to Opening of Ear over Firm
19	1	100	9	9
19 $\frac{1}{2}$	2	110	10 $\frac{1}{2}$	10 to 11
20	3	120	11 $\frac{1}{2}$	11 " 12
21	4	130	12	12 $\frac{1}{2}$
22	5	150	14	14 $\frac{1}{2}$
23	6	175	15	15 $\frac{1}{2}$
24	7	195	15 $\frac{1}{2}$	16

Female heads are half an inch to an inch below these measurements, and the weight lighter. Children have larger heads as compared with their weight of body than will be the case when they have grown to maturity.

VERY LARGE.—With quality good, are naturally great; with delight and astonishment. With quality and activity 6 or 7, are a natural genius, a mental giant; even without education will surmount disadvantages, learn with wonderful facility, sway minds, and become eminent: with the organs of practical intellect and the propelling powers 6 or 7, will possess the first order of natural abilities: manifest a clearness and force of intellect which will astonish the world, and a power of feeling which will carry all before them; and, with proper cultivation, become bright stars in the firmament of intellectual greatness, upon which coming ages will gaze with delight and astonishment. With quality and activity 5 or 4, are great on great occasions, and, when thoroughly roused, manifest splendid talents, and naturally take the lead among men, otherwise not; with activity or quality deficient, must cultivate much in order to become much.

LARGE.—With activity and quality 6 or 7, combine great power of mind with great activity; exercise a commanding influence over other minds to sway and persuade; and enjoy and suffer in the extreme; with perceptive 6, can conduct a large business or undertaking successfully; rise to eminence, and evince great originality and power of intellect, strong native sense, superior judgment, great force of character and feeling, and make a conspicuous and enduring mark on the intellectual or business world, or in whatever direction these superior capacities are put forth. With activity and quality 5, are endowed with superior natural talents, yet require strong incentives to call them out; undeveloped by circumstances,

may pass through life without accomplishing much, or attracting notice, or evincing more than ordinary parts; but with the perceptive and forcible organs also 6, and talents disciplined and called out, manifest a vigor and energy far above mediocrity; are adequate to carry forward great undertakings, demanding originality and force of mind and character, yet are rather indolent. With activity only average, possess considerable energy of intellect and feeling, yet seldom manifests it, unless brought out by some powerful stimulus, and are rather too indolent to exert, especially intellect.

FULL.—With quality or activity 6 or 7, and the organs of practical intellect and of the propelling powers large, or very large, although not really great in intellect, or deep, are clever; have considerable talent, and that so distributed that it shows to be even more or better than it really is; are capable of being a good scholar, doing a fine business, and, with advantages and application, of becoming distinguished somewhat, yet inadequate to great undertakings; can not sway an extensive influence, nor become really great, yet have good natural capacities; with activity 4 or 5, will do tolerably well, and manifest a common share of talent; with activity only 3, will neither be nor do much worthy of notice.

AVERAGE.—With activity 6, manifest a quick, clear, sprightly mind, and off-hand talents; and are capable of doing a fair business, especially if the stamina is good; with activity 7, and the organs of the propelling powers and of practical intellect 6 or 7, are capable of doing a good business, and possess fair talent, yet are not original or profound: are quick of perception; have a good practical understanding; will do well in an ordinary business or sphere, yet never manifest greatness, and out of this sphere are common-place; with activity only 4, discover only an ordinary amount of intellect; are indisposed and inadequate to any important undertaking; yet, in a common sphere, or one that requires only a mechanical routine of business, can do well; with moderate or small activity, will hardly accomplish or enjoy anything worthy of note.

MODERATE.—With quality, activity, and the propelling and perceptive faculties 6, possess a fair intellect, yet are more showy than sound; with others to plan and direct, can execute

to advantage, yet are unable to do much alone: have an active mind, and are quick of perception, yet, have a contracted intellect; possess only a fair mental caliber, and lack momentum, both of mind and character: with activity only 4, have but a low degree of intellect, and even this too sluggish for action, so as neither to suffer nor enjoy much; with activity 3 or 2, are dull, and hardly *non compos mentis*.

2 or 1.—Are weak in character and inferior in intellect—indeed, simple or idiotic.

This doctrine, that “size is a measure of power,” is equally true of different groups of organs, and regions of the brain. Those who have a large forehead, with a deficient back and side-head, if of good temperament, will be deep, original thinkers, but lack force and energy of character; while those who have heavy base and back-head, with a smaller fore-head, will possess energy, courage, passion, sociability, and vim, but lack intellectual capacity. But this point will be elucidated hereafter.

SECTION II.

10.—FORM AS CORRESPONDING WITH CHARACTER.

Nature classifies all her works into orders, genera, and species. Form constitutes her great base of this classification. She always does similar characteristics in like configurations—apple character in apple shape, fish character in fish configuration, bear nature in bear form, human nature in human shape, and so on throughout all her works. And things alike in character are so in form—all oaks and pines like all. All kernels of wheat, corn, rye, etc., are formed like all others of the same character. All tigers are like each other, and all canines resemble each other in shape and character. All human beings resemble each other in looks and mentality, and monkeys approximate toward man in both shape and character. Therefore since outline shape indicates outline character, of course all the minute details of shape indicate like peculiarities of character, so that every wrinkle and shade of configuration indicates a like diversity in their mentality. And since the brain is confessedly the organ of the mind, its special form must of course correspond with the special traits of character.

Or thus: since universal shape corresponds with universal character, of course the form of the head is as the special characteristics of the mind. And this involves the doctrines of Phrenology. In short, the correspondence between form and character is absolute and universal—on a scale at once the broadest and most minute possible. Then, what special forms indicate what particular characteristics?

11.—HOMOGENEOUSNESS OR ONENESS OF STRUCTURE.

Every part of everything bears an exact correspondence to that thing as a whole. Thus, tall-bodied trees have long branches and leaves; short-bodied trees, short branches and roots; and creeping vines, as the grape, honeysuckle, etc., long, slim roots, that run under ground as extensively as their tops do above. The Rhode Island Greening, a large, well-proportioned apple, grows on a tree large in trunk, limb, leaf, and root, and symmetrical, while the Gillifleur is conical, and its tree long-limbed, and runs up high to a peak at the top, while flat and broad-topped trees bear wide, flat, sunken-eyed apples. Very thrifty growing trees, as the Baldwin, Fall Pippin, Bartlett, Black Tartarian, etc., generally bear large fruit, while small fruit, as the Seckel Pear, Lady Apple, Bell De Choisy Cherry, etc., grow slowly and have many small twigs and branches. Trees that bear red fruit, as the Baldwin, etc., have red inner bark; while yellow and green-colored fruits grow on trees the inner rind of whose limbs is yellow or green. Peach-trees that bear early peaches have deeply-notched leaves, and the converse of late ones; so that, by these and other physiognomical signs, experienced nurserymen can tell what a given tree bears at first sight.

Correspondingly, long-handed persons have long fingers, toes, arms, legs, bodies, heads, and phrenological organs; while short and broad-shouldered persons are short and broad-handed, fingered, faced, nosed, and limbed, and wide and low bodied. When the bones on the hand are prominent, all the bones, nose included, are equally so, and thus of all other characteristics of the hand, and every other portion of all bodies. Hence, a hand thrust through a hole proclaims the general character of its owner, because if it is large or small, hard or soft, strong or weak, firm or flabby, coarse-grained or fine-textured, even or prominent, rough or smooth, small-

boned or large-boned, or whatever else, the whole body is built upon the same principle, with which the brain and mentality also correspond. Hence, also, small-nosed persons have little soul, and large-nosed a great deal of character of some kind.

Bonaparte chose large-nosed men for his generals, and the opinion prevails that large noses indicate long heads and strong minds. Not that great noses cause great minds, but that the motive or powerful temperament cause both. Flat noses indicate flatness of mind and character, by indicating a poor, low, organic structure. Broad noses indicate large passage-ways to the lungs, and this, large lungs and vital organs, and this, great strength of constitution, and hearty animal passions, along with selfishness; for broad noses, broad shoulders, broad heads, and large animal organs go together. But when the nose is narrow at the base, the nostrils are small, because the lungs are small, and need but small avenues for air; and this indicates a predisposition to consumptive complaints, along with an active brain and nervous system, and a passionate fondness for literary pursuits. Sharp noses indicate a quick, clear, penetrating, searching, knowing, sagacious mind, and also a scold: indicate warmth of love, hate, generosity, moral sentiment—indeed, positiveness in everything, while blunt noses indicate and accompany obtuse intellects and perceptions, sluggish feelings, and crude character. The Roman nose indicates a martial spirit, love of debate, resistance, and strong passions, while hollow, pug noses indicate a tame, easy, inert, sly character, and straight, finely-formed Grecian noses harmonious characters. Seek their acquaintance. We have chosen our illustrations from the nose, because it is easily seen and described, and renders observation on the character easy and correct. But the principle here exemplified applies to all the other organs and portions of the face and body.

And the general forms of the head correspond with those of the body and nose. Where the nose is sharp, mental characteristics are equally sharp—the whole person being built on the sharp principle, and of breadth, prominence, length, etc.

Tall persons have high heads, and are aspiring, aim high, and seek conspicuity, while short ones have lower heads, and seek the lower forms of worldly pleasures. Tall persons are rarely mean, though often grasping; but very penurious

persons are often broad built. Small persons generally have exquisite mentalities, yet less power—the more precious the article the smaller the package in which it is done up—while great men are rarely dwarfs, though great size often co-exists with sluggishness. To particularize—there are four leading forms which indicate generic characteristics, all existing in every one, yet in different degrees. They are,

12.—BREADTH AS INDICATING ANIMALITY.

Spherical forms are naturally self-protecting. Roundness protects its possessor. So all round-built animals, as Indian pony, bull-dog, elephant, etc., are round favored and strong-constituted, tough, enduring, and very hardy, but less active and sprightly in body and mind. And this applies equally to human beings. Broad-built persons may be industrious, plodding, good feeling, and the like, but love their ease, are not generally brilliant, and take good care of self. Yet they wear like iron, and unless health has been abused, can live to a great age. This form corresponds with the vital temperament.

13.—PROMINENCE INDICATES POWER.

“A lean horse for a long pull” is an observation as true as trite. This corresponds with the motive temperament, which it indicates.

14.—ACTIVITY INDICATED BY LENGTH.

In and by the nature of things length of form facilitates ease of action. Thus, deer, gazelle, greyhound, giraffe, tiger, weasel, eel, and all long and slim animals, are quick-motivated, lively, sprightly, nimble, and agile. The same principle applies equally to persons. Thus, those very long-favored, or in whom this form is.

7.—Are as quick as a flash to perceive and do; agile; light-motivated; limber-jointed; nimble; always in motion; restless as the wind; talk too rapidly to be emphatic; have no lazy bones in their bodies; are always moving head, hands, feet, something; are natural scholars; quick to learn and understand; remarkably smart and knowing; and love action—to keep doing—for its own sake; wide awake; eager; uncommonly quick to think and feel; sprightly in conversation; versatile in talent; flexible; suggestive; abounding in idea; apt

at most things; exposed to consumption, because action exceeds strength; early ripe; brilliant; liable to premature exhaustion and disease, because the mentality predominates over the vitality.

6.—Are active, restless, brisk, stirring, lively, anything but lazy, with a good organism; are quick-spoken; clear-headed; understand matters and things at the first glance; see right into and through business, and all they touch readily; are real workers with head or hands, but prefer head-work; positive; the one thing or the other; and are strongly pre-inclined to the intellectual and moral. Their characters, unless perverted, like their persons, ascend instead of descending; and they are better adapted to law, merchandise, banking, or business than to farming, or heavy mechanical work. Yet, if mechanics, should choose those kinds requiring more sprightliness than strength, and mind than muscle.

5 or 4.—Have a fair, but only fair, share of natural activity and sprightliness; do what they can, and with tolerable ease, but do not love action for its own sake.

3.—Are rather inactive: do only what they must, and that grudgingly; love to be waited on, but not to wait; and get along with the fewest steps possible; seek a sedentary life, and are as loth to exercise mind as body.

2 and 1.—Are downright slothful, lazy, and good for nothing to themselves or others.

TO CULTIVATE.—Keep doing, doing, doing all the time, and in as lively and sprightly a manner as possible; and live more on foot than seated.

TO RESTRAIN.—Sit down and rest when tired, and let the world jog on while you enjoy it. Do only half you think you must, and be content to let the rest go undone. Do for once just see if you can't be lazy. Work as few hours as possible, and take all the advantage you can to get along with the least outlay of strength possible. Sit down, and enjoy what you have already obtained, instead of trying to get so much more. Live on your laurels. Don't tear and fret so, if all is not exactly to your liking, but cultivate contentment

15.—EXCITABILITY INDICATED BY SHARPNESS.

All sharp things are, in and by the very nature of their form, penetrating, of which the needle furnishes an example. And this law applies equally to human beings. From time immemorial a sharp nose has been considered indicative of a scolding disposition; yet it is equally so of intensity in the other feelings, as well as those which scold.

7.—Are extremely susceptible to impressions of all kinds; intensely excited by trifles; apt to magnify good, bad, everything, far beyond the reality; a creature of impulse and mere feeling; subject to extreme ups and downs of emotion; one hour in the garret, the next in the cellar; extremely liable to neuralgia and nervous affections; with quality and activity 6 or 7, have ardent desires; intense feelings; keen susceptibilities; enjoy and suffer in the extreme; are whole-souled; sensitive; positive in likes and dislikes; cordial; enthusiastic; impulsive; have hobbies; abound in good feeling, yet are quick-tempered; excitable; liable to extremes; have a great deal of SOUL or passion, and warmth of feeling; are BRILLIANT writers or speakers, but too refined and sensitive for the mass of mankind; gleam in the career of genius, but burn out the vital powers on the altar of nervous excitability, and fall victims to premature death, should keep clear from all false excitements and stimulants, mental and physical—tea, coffee, tobacco, drugs, and alcoholic drinks, and cool-off and keep cool.

6.—Are like 7, only less so; warm-hearted, impetuous, impulsive, full of soul, and too susceptible to external influences; swayed too much by feeling; and need much self-government and coolness.

5.—Are sufficiently sensitive and susceptible to exciting causes, yet not passionate, nor impulsive; and easily aroused, yet not easily carried away by excitements. With activity 6 or 7, are very quick, but perfectly cool; decide and act instantly, yet knowingly; do nothing without thinking, but think and do instantaneously; are never flustered, but combine great rapidity with perfect self-possession.

4.—Are like the placid lake—no waves, no noise, and evince the same quiet spirit under all circumstances.

3.—Are rather phlegmatic; slow to perceive and feel; rather

cold and passionless ; rarely ever elated or depressed ; neither love nor hate, enjoy nor suffer, with much spirit ; are enthusiastic in nothing, and throw little life or soul into expression or action.

2.—Are torpid, listless, spiritless, half asleep about everything, and monotonous and mechanical in everything.

1.—Are really stupid, have the texture of humanity, but lack its life and glow, and enjoy and suffer very little.

TO CULTIVATE.—Yield yourself up to the effects of influences, persons and things, naturally operating on you ; seek amusements and excitements ; and try to feel more than comes natural to you.

TO RESTRAIN.—First, fulfill all the health conditions, so as thereby to allay all false excitement, and secure a quiet state of the body. Eat freely of lettuce and celery, but avoid spices and condiments. Air, exercise, water, and sleep, and avoiding stimulants, constitute your great physical opiates. Second, avoid all unpleasant mental excitements, and by mere force of will cultivate a calm, quiet, luxurious, to-day enjoying frame of mind. If in trouble, banish it, and make yourself as happy as possible.

These primary forms and characteristics usually combine in different degrees, producing, of course, corresponding differences in the talents and characteristics. Thus, eloquence accompanies breadth combined with sharpness. They create that gushing sympathy, that spontaneous overflowing of the soul, that high-wrought, impassioned ecstacy and intensity of emotion, in which true eloquence consists, and transmit it less by words than look, gesture, and those touching, melting, soul-stirring, thrilling intonations which storm the citadel of the soul. Hence it can never be written, but must be seen, heard, and felt. This sharpness and breadth produce it first by giving great lungs to exhilarate the speaker, and send the blood frothing and foaming to the brain, and secondly, by conferring the utmost excitability and intensity of emotion, and it is in this exhilaration that real eloquence mainly consists. This sharp and broad form predominated in Bascom, whom Clay pronounced the greatest natural orator he ever heard ; in Chapin and Beecher, confessedly our finest speakers in the pulpit or the rostrum ;

in Everett; in "the old man eloquent," indeed both the Adamases: in Dr. Bethune and a host of others. Still, in Patrick Henry, Pitt, and John B. Gough, each unequaled in his day and sphere, the sharp combined with the long. This gives activity united with excitability. Yet this form gives also the poetic more than the oratorical—gives the impassioned, which is the soul of both.

Authorship, again, is usually accompanied by the long, prominent, and sharp. Reference is not now had to flippant scribblers of exciting newspaper squibs, or even of dashing editorials, or sensational productions, nor to mere compilers, but to the authors of deep, sound, original, philosophical, clear-headed, labor productions.

THE POETIC, OR LONG AND SHARP FORM.

Poetry inheres in various forms. Some distinguished poets are broad and sharp, others long and sharp, but all sharp. Those who evolve the highest, finest, and most fervid style and cast of sentiment, have more of the long, yet less of the prominent, yet with the long a predominance of the sharp, and are often quite tall. Wm. C. Bryant furnishes an excellent illustration of this shape, as his character does of its accompanying mentality. Those who poetize the passions are, like orators, broad and sharp, of whom Byron furnishes an example in poetry and configuration. The best combinations of forms for writers and scholars is the sharp predominant, long next, prominent next and all conspicuous. The best form for contractors, builders, managers of men and large mechanical operations, is the broad and prominent combined. But they should not be slim. A farmer may have any form but a spindling one, yet a horticulturist or nurseryman may be slim.

16.—RESEMBLANCE BETWEEN MEN AND ANIMALS.

That certain men "look like" one or another species of animals is an ancient observation. And when in looks, also in character. That is, some have both the lion, or bulldog, or eagle, or squirrel expression of face, and likewise traits of character. Thus, Daniel Webster was called the "Lion of the North," from his general resemblance in form, having shoulders, hair, and general expression to that king of beasts; and

a lion he indeed was, in his sluggishness when at his ease, but power when roused; in his magnanimity to opponents, and the power of his passions.

He had a distinguished cotemporary, whose color, expression of countenance, manners, everything, resembled those of the fox, and foxy indeed he was, in character as well as looks, and introduced into the political machinery of our country that wire-working, double-game policy and chicanery, which has done more to corrupt our ever-glorious institutions than everything else combined, even endangering their very existence.

Those who resemble the bulldog are broad-built, round favored, square-faced, round-headed, having a forehead square, and perhaps prominent, but low; mouth rendered square by the projection of the eye or canine teeth, and smallness of those in front; corners of the mouth drawn down; and voice deep, guttural, growling, and snarling. Such, if fed, will bark and bite for you, but if provoked will lay right held of you, and hold on till you or they perish in the struggle.

Tristram Burges, called in Congress the "Bald Eagle," from his having the aquiline or eagle-bill nose, a projection in the upper lip, falling into an indentation in the lower, his eagle-shaped eyes and eyebrows, as seen in the accompanying engraving, was eagle-like in character, and the most war-like, tearing, and searing man of his day. And whoever has a long, hooked, hawk-bill, or Roman nose, wide mouth, spare form, prominence at the lower and middle part of the forehead, is very fierce when assailed, high tempered, vindictive, efficient, and aspiring, and will fly higher and farther than others.

Tigers are always spare, muscular, long, full over the eyes, large-mouthed, and have eyes slanting downward from their outer to inner angles; and human beings thus physiognomically characterized, are fierce, domineering, revengeful, most enterprising, not over humane, a terror to enemies, and conspicuous somewhere.

Swine—fat, lazy, good-dispositioned, flat and hollow-nosed—have their cousins in large abdomened, pug-nosed, double-chinned, talkative, story-enjoying, beer-loving, good-feeling

and feeding, yes-yes humans, who love some easy business, but hate hard work.

Horses, oxen, sheep, owls, doves, snakes, and even frogs, etc., also have their men and women cousins, with their accompanying characters.

These resemblances are plain, but more difficult to describe; but the voice, forms of mouth, nose, and chin are the best bases of observation.

17.—BEAUTIFUL, HOMELY AND OTHER FORMS.

In accordance with this general law, that shape is as character, well-proportioned persons have harmony of features and well-balanced minds; whereas those, some of whose features stand right out, and others fall in, have uneven, ill-balanced characters, so that homely, disjointed exteriors indicate corresponding interiors, while evenly-balanced and exquisitely formed men and women have well-balanced and susceptible mentalities. Hence, woman, more beautiful than man, has finer feelings and greater perfection of character, yet is less powerful—and the more beautifully formed the more exquisite and perfect the mentality. Nature never deceives—never clothes that in a beautiful, attractive exterior which is intrinsically bad or repellant. True, the handsomest things, when soured, become correspondingly sour. The finest things, when perverted, become the worst. These two extremes are the worst tempered—those naturally beautiful and exquisitely organized, that when perverted they become proportionally bad, and those naturally ugly formed are naturally bad dispositioned.

Yet homely persons are often excellent tempered, benevolent, talented, etc., because they have a few Powerful traits, and also features—the very thing we are explaining—that is, they have extremes alike of face and character. Thus it is that every diversity of character has its correspondence in both the physiognomical form and organic texture.

18.—WALKING AS INDICATING CHARACTER.

As already shown, texture corresponds with character, and motion with texture, and therefore character. Those whose motions are awkward yet easy, possess much efficiency and positiveness of character yet lack polish; and just in proportion as

they become refined in mind will their movements be correspondingly improved. A short and quick step indicates a brisk and active but rather contracted mind, whereas those who take long steps generally have long heads; yet if the step is slow, they will make comparatively little progress, while those whose step is long and quick will accomplish proportionately much, and pass most of their competitors on the highway of life. Their heads and plans too will partake of the same far-reaching character evinced in their carriage. Those who skuff or drag their heels, drag and drawl in everything; while those who walk with a springing, bounding step, abound in mental snap and spring. Those whose walk is mincing, affected, and artificial, rarely, if ever, accomplish much; whereas those who walk carelessly, that is, naturally, are just what they appear to be, and put on nothing for outside show. Those who in walking roll from side to side, lack directness of character, and side every way, according to circumstances; whereas those who take a bee line—that is, whose body moves neither to the right nor left, but straight forward—have a corresponding directness of purpose and oneness of character. Those, also, who teeter up and down when they walk, rising an inch or two every step, will have many corresponding ups and downs in life, because of their irregularity of character and feeling. Those, too, who make a great ado in walking, will make much needless parade in everything else, and hence spend a great amount of useless steam in accomplishing nothing; whereas those who walk easily, or expend little strength in walking, will accomplish great results with but little outlay of strength, both mental and physical. In short, every individual has his own peculiar mode of moving, which exactly accords with his mental character; so that, as far as you can see such modes, you can decipher such outlines of character.

To dancing these principles apply equally. A small, delicately molded, fine skinned, pocket-Venus, whose motions are light, easy, waving, and rather characterless, who puts forth but little strength in dancing, is very exquisite in feelings, but rather light in the upper story, lacking sense, thought, and strength of mind; but a large, raw-boned, bouncing Betty, who throws herself far up, and comes down good and solid, when she dances is a strong, powerful, determined

character, well suited to do up rough work, but destitute of polish, though possessed of great force. Some dance all dandy, others all business, yet few all intellect.

19.—LAUGHTER AS CORRESPONDING WITH CHARACTER.

Laughter is very expressive of character. Those who laugh very heartily have much cordiality and whole-souledness of character, except that those who laugh heartily at trifles have much feeling, yet little sense. Those whose giggles are rapid, but light, have much intensity of feeling, yet lack power; whereas those who combine rapidity with force in laughing, combine them in character. One of the greatest workers I ever employed, I hired just because he laughed heartily, his giggles being rapid and loud. But a colored domestic who laughed very rapidly, but lightly, took a great many steps to do almost nothing, and though she worked fast, accomplished little. Vulgar persons always laugh vulgarly, and refined persons show refinement in their laugh. Those who ha, ha right out, unreservedly, have no cunning, and are open-hearted in everything; while those who suppress their laughter, and try to control their countenances in it, are more or less secretive. Those who laugh with their mouths closed are non-committal; while those who throw it wide open are unguarded and unequivocal in character. Those who, suppressing laughter for awhile, burst forth volcano-like, have strong characteristics, but are well-governed, yet violent when they give way to their feelings. Then there is the intellectual laugh, the love laugh, the horse laugh, the philoprogenitive laugh, the friendly laugh, and many other kinds of laugh, each indicative of corresponding mental improvements.

20.—THE MODE OF SHAKING HANDS

also expresses character. Thus, those who give a tame and loose hand, and shake lightly, have a cold, if not heartless and selfish disposition, rarely sacrificing much for others, are probably conservatives, and lack warmth and soul. But those who grasp firmly, and shake heartily, have a corresponding whole-souledness of character, are hospitable, and will sacrifice business to friends; while those who bow low when they shake hands, add deference to friendship, and are easily led, for good or bad, by friends,

21.—MOUTH AND EYES PECULIARLY EXPRESSIVE OF CHARACTER.

Each mouth differs from every other, and indicates a coincident character. Large mouths express a corresponding quantity of mentality, while small ones indicate a lesser amount. A coarsely formed mouth indicates power, while one finely formed indicates exquisite susceptibilities. Hence small, delicately-formed mouths indicate only common minds, with very fine feelings and much perfection of character. Whenever the muscles about the mouth are distinct, the character is correspondingly positive, and the reverse. Those who open their mouths wide and frequently thereby evince an open soul, while closed mouths, unless to hide deformed teeth, are proportionately secretive.

And thus of the eyes. In traveling west, in 1837, we examined a man who made great pretension to religion, but was destitute of conscience, whom we afterward ascertained to be an imposter. While attending the Farmers' Club, in New York, this scamp came in, and besides keeping his eyes half-closed half the time, frequently shut them so as to peep out upon these present, but opened them barely enough to allow vision. Those who keep their eyes half shut are peek-a-boos and eavesdroppers.

Those, too, who keep their coats buttoned up, fancy high-necked and closed dresses, etc., are equally non-communicative, but those who like open, free, flowing garments, are equally open-hearted and communicative.

22.—INTONATIONS AS EXPRESSING CHARACTER.

Whatever makes a noise, from the deafening roar of sea, cataract, and whirlwind's mighty crash, through all forms of animal life, to the sweet and gentle voice of woman, makes a sound which agrees perfectly with the maker's character. Thus the terrific roar of the lion, and the soft cooing of the dove, correspond exactly with their respective dispositions; while the rough and powerful bellow of the bull, the fierce yell of the tiger, the coarse, guttural moan of the hyena, the swinish grunt, the sweet warblings of birds, in contrast with the raven's croak and the owl's hoot, each correspond perfectly with their respective characteristics. And this law holds

equally true of man. Hence human intonations are as superior to brutal as human character exceeds animal. Accordingly, the peculiarities of all human beings are expressed in their voices and mode of speaking. Coarse-grained and powerful animal organizations have a coarse, harsh, and grating voice, while in exact proportion as persons become refined and elevated mentally, will their tones of voice become correspondingly refined and perfected. We little realize how much of character we infer from this source. Thus, some female friends are visiting me transiently. A male friend, staying with me, enters the room, is seen by my female company, and his walks, dress, manners, etc., closely scrutinized, yet he says nothing, and retires, leaving a comparatively indistinct impression as to his character upon my female visitors, whereas, if he simply said yes or no, the mere sound of his voice communicates to their minds much of his character, and serves to fix distinctly upon their minds clear and correct general ideas of his mentality.

The barbarous races use the guttural sounds more than the civilized. Thus Indians talk more down the throat than white men, and thus of all, whether lower or higher in the human scale. Those whose voices are clear and distinct have clear minds, while those who only half form their words, or are heard indistinctly, are mentally obtuse. Those who have sharp, shrill intonations have correspondingly intense feelings, and equal sharpness both of anger and kindness, as is exemplified by every scold in the world; whereas those with smooth or sweet voices have corresponding evenness and goodness of character. Yet, contradictory as it may seem, these same persons not unfrequently combine both sharpness and softness of voice, and such always combine in character. There are also the intellectual, the moral, the animal, the selfish, the benignant, the mirthful, the devout, the love, and many other intonations, each accompanying corresponding peculiarities of characters. In short, every individual is compelled, by every word uttered, to manifest something of the true character—a sign of character as diversified as correct.

23.—COLOR AND TEXTURE OF HAIR, SKIN, BEARD, ETC.

Everything in nature is colored, inside and out; and the color corresponds with the character. Nature paints her

coarse productions in coarse drab, but adorns all her finer, more exquisite productions with her most beautiful colors. Thus, highly-colored fruits are always highly flavored; the birds of the highest quality are arrayed in the most gorgeous tints and hues.

So, also, particular colors signify particular qualities. Thus, throughout all nature black signifies power, or a great amount of character; red, the ardent, loving, intense, concentrated, positive; green, immaturity; yellow, ripeness, richness, etc. Hence all black animals are powerful, of which bear, Morgan horse, black snake, etc., furnish examples. So black fruits, as blackberry, black raspberry, whortle berry, black Tartarian cherry, etc., are highly-flavored and full of rich juices. So, also, the dark races, as Indian and African, are strong, muscular, and very tough. All red fruits are acid, as the strawberry; but the darker they are the sweeter, as the Baldwin gillifleur, etc., while striped apples blend the sweet with the sour. But whatever is growing, that is, still immature, is green; but all grasses, grains, fruits, etc., pass, while ripening, from the green to the yellow, and sometimes through the red. The red and yellow fruits are always delicious. Other primary colors signify other characteristics.

Now, since coarseness and fineness of texture indicate coarse and fine-grained feelings and characters, and since black signifies power, and red ardor, therefore coarse black hair and skin signify great power of character of some kind, along with considerable tendency to the sensual; yet fine black hair and skin indicate strength of character, along with purity and goodness. Dark-skinned nations are always behind the light-skinned in all the improvements of the age, as well as in the higher and finer manifestations of humanity. So, too, dark-haired persons, like Webster, sometimes called "Black Dan," possess great power of intellect and propensity, yet lack the finer and more delicate shadings of sensibility and purity. Coarse black hair and skin, and coarse red hair and whiskers, indicate powerful animal passions, together with corresponding strength of character; while fine, or light, or auburn hair indicates quick susceptibilities, together with refinement and good taste. Fine dark or brown hair indicates the combination of exquisite susceptibilities with great

strength of character, while auburn hair, with a florid countenance, indicates the highest order of sentiment and intensity of feeling, along with corresponding purity of character, combined with the highest capacities for enjoyment and suffering. And the intermediate colors and textures indicate intermediate mentalities. Curly hair or beard indicate a crisp, excitable, and variable disposition, and much diversity of character—now blowing hot, now cold—along with intense love and hate, gushing, glowing emotions, brilliancy, and variety of talent. So look out for ringlets; they betoken April weather—treat them gently, lovingly, and you will have the brightest, clearest sunshine, and the sweetest, balmy breezes; but ruffle them, and you raise—oh, what a storm! a very hurricane, changeable, now so very hot, now so cold—that you had better not ruffle them. And this is doubly true of auburn curls; though auburn ringlets need but a little right, kind, fond treatment to render them all as fair and delightful as the brightest spring morning.

Straight, even, smooth, and glossy hair indicates strength, harmony, and evenness of character, and hearty, whole-souled affections, as well as a clear head and superior talent; while stiff, straight, black hair and beard indicates a coarse, strong, rigid, straightforward character. Abundance of hair and beard signifies virility and a great amount of character; while a thin beard signifies sterility and a thinly settled upper story, with rooms to let; so that the beard is very significant of character. And we shall soon see a reason why it should not be shorn.

Coarse-haired persons should never turn dentists or clerks, but seek some out-door employment; and would be better contented with rough, hard work than a light or sedentary occupation, although mental and sprightly occupations would serve to refine and improve them; while dark and fine-haired persons may choose purely intellectual occupations, and become lecturers or writers with fair prospects of success. Red-haired persons should seek out-door employment, for they require a great amount of air and exercise; while those who have light, fine hair should choose occupations involving taste and mental acumen, yet take bodily exercise enough to tone up and invigorate their system.

Generally, whenever skin, hair, or features are fine or coarse, the others are equally so. Yet some inherit fineness from one parent, and coarseness from the other, while the color of the eye generally corresponds with that of the skin, and expresses character. Light eyes indicate warmth of feeling, and dark eyes power.

The mere expression of the eye conveys precise ideas of the existing and predominant states of the mentality and physiology. As long as the constitution remains unimpaired, the eye is clear and bright, but becomes languid and soulless in proportion as the brain has been enfeebled. Wild, erratic persons have a half-crazed expression of eye, while calmness, benignancy, intelligence, purity, sweetness, love, lasciviousness, anger, and all other mental affections, express themselves quite as distinctly by the eye as voice, or any other mode.

24.—REDNESS AND PALENESS OF FACE.

Thus far our remarks have appertained to the constant colors of the face, yet those colors are often diversified or changed for the time being.

Thus, at one time the whole countenance will be pale at another very red; each of which indicates the existing states of body and mind. Or, thus: when the system is in a perfectly healthy state, the whole face will be suffused with a glow of health and beauty, and have a red, but never an, inflamed aspect; yet any permanent injury of health, which prostrates the bodily energies, will change this florid complexion into dullness of countenance, indicating that but little blood comes to the surface or flows to the head, and a corresponding stagnation of the physical and mental powers. Yet, after a time, this dullness frequently gives way to a fiery redness; not the floridness of health, but the redness of inflammation and false excitement, which indicates a corresponding depreciation of the mental faculties. Very red-faced persons, so far from being the most healthy, are frequently the most diseased, and are correspondingly more animal and sensual in character; because physiological inflammation irritates the propensities more, relatively, than the moral and intellectual faculties, though it may, for the time being, increase the latter also. When the moral and intellectual

faculties greatly predominate over the animal, redness may not cause coarse animality, because, while it heightens the animal nature, it also increases the intellectual and moral, which, being the larger, holds them in check; but when the animal about equals or exceeds the moral and intellectual, this inflammation evinces a greater increase of animality than intellectuality and merality. Gross sensualists and depraved sinners generally have a fiery red countenance. Stand aloof from them, for their passions are all on fire, ready to ignite and explode on provocations so slight that a healthy physiology would scarcely notice them. This point can hardly be more fully intelligible; but let readers note the difference between a healthy floridness of face and the fiery redness of drunkards, debauchees, etc. Nor does an inflamed physiology merely increase the animal nature, but gives it a far more depraved and sensual cast, thereby doubly increasing the depraved tendencies.

25.—PHYSIOGNOMY A TRUE SCIENCE.

That nature has instituted a science of Physiognomy as a facial expression of mind and character is proclaimed by the very instincts of man and animals. Can not the very dog tell whether his master is pleased or displeased, and the very slave, who will make a good and who a cruel master—and all by the expressions of the countenance? The fact is, that nature compels all her productions to proclaim their interior virtues—their own shame, even—and hoists a true flag of character at their mast-head, so that he who runs may read.

Thus, all apples both tell that they possess apple character by their apple shape, but what kind of apple—whether good, bad, or indifferent—by their special forms, colors, etc.; all fish, not only that they are fish, but whether trout or sturgeon, and all humans that they are human by their outline aspect. And thus of all things.

Moreover, though all human beings have the general human form and features—though all have eyes, nose, mouth, chin, etc., yet each one has a different face and look from every other. And more yet, the same person has a very different facial look at different times, according as he is angry or friendly, etc. And always the same look when in the same

mood. Of course, then, something causes this expression—especially, since all who are angry, friendly, etc., have one general or similar expression; that is, one look expresses anger, another affection, another devotion, another kindness, etc. And since nature always works by means, she must needs have her physiognomical tools. Nor are they under the control of will, for they act spontaneously. We can not help, whether we will or no, laughing when merry, even though in church, pouting when provoked, and expressing all our mental operations, down even to the very innermost recesses of our souls, in and by our countenances. And with more minuteness and completeness than by words, especially when the expressions are intense or peculiar.

Certain it is that the countenance expresses a greater amount of thought and feeling, together with their nicer shades and phases, than words can possibly communicate. By what means, then, is this effected? By magnetic centers, called poles. Every physical and mental organ has its pole stationed in a given part of the face, so that, when such organ acts, it influences such poles, and contracts those facial muscles which express this action. That there exists an intimate relation between the stomach and one part of the face, the lungs and another etc., is proved by the fact that consumptive patients always have a hectic flush on the cheek, just externally from the lower portion of the nose, while inactive lungs cause paleness, and healthy ones give the rosy cheek; and that dyspeptic patients are always lank and thin opposite the double teeth, while those whose digestion is good are full between the corners of the mouth and lower portion of the ears. Since, therefore, some of the states of some of the internal organs express themselves in the face, of course every organ of the body must do the same. The magnetic pole of the heart is in the chin. Hence, those whose circulation is vigorous have broad and rather prominent chins; while those who are small and narrow-chinned have feeble hearts; and thus all the other internal organs have their magnetic poles in various parts of the face. Now, since the beard covers these facial poles of the internal organs, of course it helps to guard heart, viscera, etc., from atmospheric changes. Obviously, it was not created for naught, and can not be amputated with impunity. It also protects the throat and

chest, especially of elderly men. And why shave off this natural sign of masculinity? Shaving is, to say the least of it, rather barbarous.

So all the phrenological organs have likewise their facial poles, some of which are as follows: That of Acquisitiveness is on each side of the middle portion of the nose, at its junction with the cheek, causing breadth of nose in proportion to the money-grasping instincts, as in Jews, while a narrow nose indicates a want of the speculative turn. Firmness is indicated by length, prominence, and a compression of the upper lip. Hence, when we would exhort to determined perseverance, we say, "Keep a stiff upper lip." Self-Esteem has its pole externally from that of Firmness, and between the outer portion of the nose and the mouth, causing a fullness, as if a quid was under the upper lip. The affections have their poles in the edges of the lips; hence the philosophy of kissing. The pole of Mirthfulness is located outward and upward from the outer corners of the mouth; hence the drawing up of these corners in laughter. Approbateness has its pole directly outward from these corners, and hence the approbative laugh does not turn the corners of the mouth upward, but draws them straight back, or outwardly. That physiognomy has its science—that fixed and absolute relations exist between the phrenological organs and given portions of the face—is an unquestionable truth. By these and other means the inherent character of every living being and thing gushes out through every organ of the body, every avenue of the soul; and both brute and man have a character-reading faculty, to take intuitive cognizance of the mental operations. Nor will she let any one lie, any more than lie herself, but compels all to carry their characteristics exposed, so that all acquainted with these signs may read them through. If we attempt deception, the very effort convicts us. And if all nature's signs of character were fully understood, all could read, not only all the main characters of all they see, but even most of the thoughts and feelings passing in the mind for the time being. And the great rule for reading one and all, is, "Notice all one says and does, ask why, what faculty did or said this, or that, and, especially, yield yourself up to drink in or be affected by these manifestations."

PHRENOLOGICAL CONDITIONS AS INDICATING CHARACTER.

26. —DEFINITION AND PROOF.

Phrenology points out those relations established by nature between given developments and conditions of brain and corresponding manifestations of mind. Its simple yet comprehensive definition is this: every faculty of the mind is manifested by means of a particular portion of the brain, called its organ, the size of which, other things being equal, is proportionate to its power of function. For example: it teaches that parental love is manifested by one organ, or portion of the brain; appetite by another, reason by a third, etc., which are the larger in proportion as these corresponding mental powers are stronger.

Are, then, particular portions of the brain larger or smaller in proportion as particular mental characteristics are stronger or weaker? Our short-hand mode of proof is illustrated by the following anecdote. A Mr. Juror once summoned to attend court, died before its sitting. It therefore devolved upon Mr. Simple to state to the court the reason of his non-appearance. Accordingly, when Mr. Juror's name was called, Mr. Simple responded, "May it please the court, I have twenty-one reasons to offer why Mr. Juror is not in attendance. The first is, he is dead. The second is—" "That one will answer," replied the judge. "One such reason is amply sufficient." But few of the many proofs that Phrenology is true will here be stated, yet those few are decisive.

* * * * *

Firstly. THE BRAIN IS THE ORGAN OF THE MIND. This is assumed, because too universally admitted to require proof.

Secondly. Is the brain, then, a single organ, or is it a bundle of organs? Does the whole brain think, remember, love, hate, etc., or does one portion reason, another worship, another love money, etc.? This is the determining point. To decide it affirmatively, establishes Phrenology; negatively, overthrows it. It is proved by the following facts:

THE EXERCISE OF DIFFERENT FUNCTIONS SIMULTANEOUSLY.—We can walk, think, talk, remember, love, and many other things, all together—the mind being, in this respect, like a stringed instrument, with several strings vibrating at one time, instead of like a flute, which stops the preceding sound when it commences a succeeding one; whereas, if it were a single organ, it must stop thinking the instant it began to talk, could not love a friend and express that love at the same time, and could do but one thing at once.

MONOMANIA.—Since mental derangement is caused only by cerebral disorder, if the brain were a single organ, the whole mind must be sane or insane together; whereas most insane persons are deranged only on one or two points, a conclusive proof of the plurality of the organs of the brain and of the mental faculties..

DIVERSITY OF TALENT, or the fact that some are remarkable for sense, but poor in memory, or the reverse; some forgetting names, but remembering faces; some great mechanics, but poor speakers, or the reverse; others splendid natural singers, but no mechanics, etc., conducts us to the same conclusion.

INJURIES OF THE BRAIN furnish still more demonstrative proof. If Phrenology is true, to inflame Tune, for example, would create a singing disposition; Veneration, a praying desire; Cautiousness, groundless fears; and so of all the other organs. And thus it is. Nor can this class of facts be evaded. They abound in all phrenological works, especially periodicals, and drive and clench the nail of proof.

COMPARATIVE PHRENOLOGY, or the perfect coincidence

existing between the developments and the characters of animals, constitutes the highest proof of all. Since man and brute are fashioned upon one great model—since the same great optical laws govern the vision of both, the same principle of muscular contraction which enables the eagle to soar aloft beyond our vision, and the whale to furrow and foam the mighty deep, also enables man to walk forth in the conscious pride of his strength, and thus of all their other common functions—of course, if man is created in accordance with certain phrenological laws, brutes must also be, and the reverse. If, then, this science is true of either, it must be true of both—must pervade all forms of organization. What, then, are the facts?

Phrenology locates the animal propensities at the sides of the head, between and around the ears; the social affections in its back and lower portion; the aspiring faculties in its crown; the moral on its top, and the intellectual on the forehead; the perceptive, which relate us to matter, over the eyes; and the reflectives, in the upper part of the forehead.

Now, since brutes possess at least only weak moral and reflective faculties, they should, if Phrenology was true, have little top-head, and thus it is. Not one of all the following drawings of animals have much brain in either the reflective or moral region. Almost all their mentality consists of the animal propensities, and nearly all their brain is found between and around their ears, just where, according to Phrenology, it should be. Yet the skulls of all human beings rise high above the eyes and ears, and are long on top, that is, have full intellectual and moral organs, as we know they possess these mental elements. Compare the accompanying human skulls with those of brutes. Those of snakes, frogs, turtles, alligators, etc., slope straight back from the nose: that is, have almost no upward development; tigers, dogs, lions, etc., have little more, yet how insignificant compared with man, while monkeys are between them in these organs and their faculties. Here, then, is inductive proof of Phrenology as extensive as the whole brute creation on the one hand, contrasted with the entire human family on the other.

The engravings of the human skulls (Figs. 6 and 7) are perfect copies by photograph and show their relative size and shape. That of the man rises high from the opening of the ear, *a*, to Firmness, *b*, and is broad and full at the sides, and large at Amativeness, *c*. The woman's skull shows a large development at *d*, which is the region of Inhabitiveness, Friendship and Parental Love, while at *b* and *c* it is

less than in the man. At *e*, Benevolence, and *f*, Veneration, the female skull is relatively more developed. The male skull

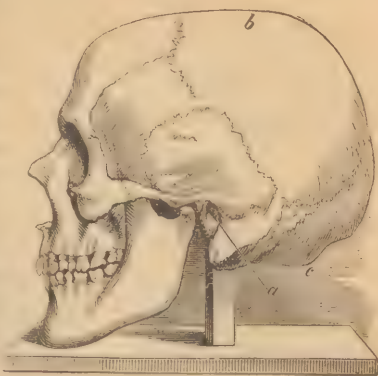


Fig. 6.—MAN'S SKULL.

is generally thicker and the points and angles are sharper and rougher than those of the female.

DESTRUCTIVENESS LARGE.

Again, Destructiveness is located by Phrenology over the ear, so as to render the head wide in proportion as this organ is developed. Accordingly, all carnivorous animals should be wide-headed at the ears; all herbivorous narrow.

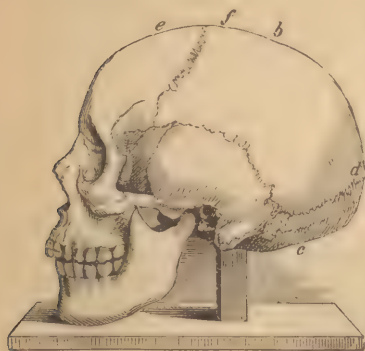


Fig. 7.—WOMAN'S SKULL.

And thus they are, as seen in tigers, hyenas, bears, cats, foxes, ichneumons, etc., compared with rabbits, sheep, etc.

To large Destructiveness, cats, foxes, ichneumons, etc. add large Secretiveness, both in character and head.



Fig. 8.—HYENA—SIDE VIEW.



Fig. 9.—HYENA—BACK VIEW.

SECRETIVENESS AND DESTRUCTIVENESS BOTH LARGE.



Fig. 10.—FOX—SIDE VIEW



Fig. 11.—ICHNEUMON—SIDE VIEW.



Fig. 12.—DO.—BACK VIEW



Fig. 13.—CAT—BACK VIEW



Fig. 14.—CAT—SIDE VIEW.

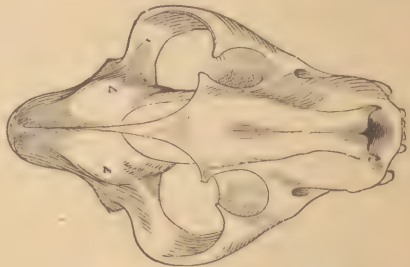


Fig. 15.—TIGER—TOP VIEW.

Fowls, in like manner, correspond perfectly in head and



Fig. 16.—OWL.



Fig. 17.—HAWK.



Fig. 18.—CROW

character with the phrenological requisitions. Thus, owls,

hawks, eagles, etc., have very wide heads, and ferocious dispositions; while hens, turkeys, etc., have narrow heads, and little Destructiveness in character.

The crow has very large Secretiveness and Cautiousness in the head, as it is known to have in character.

Monkeys, too, bear additional testimony to the truth of phrenological science. They possess in character strong perceptive powers, but weak reflectives, powerful propensities and feeble moral elements. Accordingly they are full over the back at the reasoning and moral faculties, while the propensities engross most of their brain.



Fig. 19.—INTELLIGENT MONKEY.

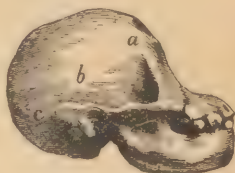


Fig. 20.—ORANG-OUTANG

The orang-outang has more forehead—larger intellectual organs, both perceptive and reflective—than any other animal, with some of the moral sentiments, and accordingly is called the “half-reasoning man,” its phrenology corresponding perfectly with its character.

PERCEPTIVES LARGER THAN REFLECTIVES.

The various races also accord with phrenological science. Thus, Africans generally have full perceptive, and large Tune and Language, but retiring Causality, and accordingly are deficient in reasoning capacity, yet have excellent memories and lingual and musical powers.

Indians possess extraordinary strength of the propensities and perceptive, yet have no great moral or inventive power; and, hence, have very wide, round, conical and rather low heads, but are large over the eyes.

Indian skulls can always be selected from Caucasian, just by these developments; while the Caucasian race is superior in reasoning power and moral elevation to all the other races, and, accordingly, has a higher and bolder forehead, and more elevated and elongated top head.

Finally, contrast the massive foreheads of all giant-minded men—Bacon, Franklins, Miltons, etc., with the low, retiring foreheads of idiots. In short, every human, every brutal head, is constructed throughout strictly on phrenological principles. Ransack air, earth, and water, and not one palpable exception ever has been, ever can be, adduced. This wholesale view of this science precludes the possibility of mistake. Phrenology is therefore a part and parcel of nature—a universal fact.

THE PHILOSOPHY OF PHRENOLOGY.

All truth bears upon its front unmistakable evidence of its divine origin, in its philosophical consistency, fitness, and beauty, whereas all untruth is grossly and palpably deformed. All truth, also, harmonizes with all other truth, and conflicts with all error, so that, to ascertain what is true, and detect what is false, is perfectly easy. Apply this test, intellectual reader, to one after another of the doctrines taught by Phrenology. But enough on this point of proofs. Let us proceed to its illustration.

27.—PHRENOLOGICAL SIGNS OF CHARACTER.

The brain is not only the organ of the mind, “the dome of thought, the palace of the soul,” but is equally the organ of the body, over which it exerts an all-potent influence for good or ill, to weaken or stimulate, to kill or make alive. In short, the brain is the organ of the body in general, and of all its organs in particular. It sends forth those nerves which keep muscles, liver, bowels, and all the other bodily organs, in a high or low state of action; and, more than all other causes, invites or repels disease, prolongs or shortens life, and treats the body as its servant. Hence, healthy cerebral action is indispensable to bodily health, while a longing, pining, dissatisfied, fretful, or troubled state of mind is most destructive of health, and productive of disease; so is violence in any and all the passions; indeed, the state of the mind has mainly to do with that of the health? Even dyspepsia is more a mental than a physical condition, and to be cured first and mainly by banishing that agitated, flashy, eager, craving state of mind, and securing instead a calm, quiet, let-the-world-slide state; nor will any physical appliances avail much without this mental restorative. Hence, too, we

walk or work so much more easily and efficiently when we take an interest in what we do. Therefore, those who would be happy or talented must first and mainly keep their brain vigorous and healthy.

The brain is subdivided into two hemispheres, the right and left, by the falciform process of the dura mater—a membrane which dips down one to two inches between the hemispheres of the brain, and runs from the root of the nose over to the nape of the neck. This arrangement renders all the phrenological organs double. Thus, as there are two eyes, ears, etc., so that when one is diseased, the other can carry forward the functions, so there are two lobes to each phrenological organ, one on each side. The brain is divided thus: the feelings occupy that portion commonly covered by the hair, while the forehead is occupied by the intellectual organs. These greater divisions are subdivided into the animal brain, located between and around the ears; the aspiring faculties, which occupy the crown of the head; the moral and religious sentiments, which occupy its top; the physico-perceptives, located over the eyes; and the reflectives, in the upper portion of the forehead. The predominance of these respective groups produces both particular shapes of head and corresponding traits of character. Thus, the head projecting far back behind the ears, and hanging over and downward in the occipital region, indicates very strong domestic ties and social affections, a love of home, its relations and endearments, and a corresponding capacity of being happy in the family, and making family happy. Very wide and round heads, on the contrary, indicate strong animal and selfish propensities, while thin, narrow heads indicate corresponding want of selfishness and animality. A head projecting far up at the crown indicates an aspiring, self-elevating disposition, proudness of character, and a desire to do and to be something great; while the flattened crown indicates a want of ambition, energy, and aspiration. A head high, long, and wide upon the top, but narrow between the ears, indicates Casuality, moral virtue, much practical goodness, and a corresponding elevation of character; while a low and narrow top-head indicates a corresponding deficiency of these humane and religious susceptibilities. A head wide at the upper part of the temples

indicates a corresponding desire for personal perfection, together with a love of the beautiful and refined, while narrowness in this region evinces a want of taste, with much coarseness of feeling. Fullness over the eyes and distance from the opening of the ears indicate excellent practical judgment of matters and things appertaining to property, science, and nature in general; while narrow, depressed eyebrows indicate poor practical judgment of matter, things, their qualities, relations, and uses. Fullness from the root of the nose upward indicates great practical talent, love of knowledge, desire to see, ability to do the right thing at the right time, and in the best way, together with sprightliness of mind; while a hollow in the middle of the forehead indicates want of memory, and inability to show off to advantage. A bold, high forehead indicates strong reasoning capabilities, while a retiring forehead indicates less soundness, but availability of talent.

28.—THE NATURAL LANGUAGE OF THE FACULTIES.

Phrenology teaches that every faculty, when active, throws head and body in the direction of the acting organ. Thus, intellect, in the fore part of the head, throws it directly forward, and produces a forward hanging motion of the head. Hence, intellectual men never carry their heads backwards and upward, but always forward; and logical speakers move their heads in a straight line, usually forward, toward their audience; while vain speakers carry their heads backward. Hence it is not a good sign to stand so straight as to lean backward, for it shows that the brain is in the wrong place—more in the animal than in the intellectual region. Perceptive intellect, when active, throws out the chin and lower portions of the face; while reflective intellect causes the upper portion of the forehead to hang forward, and draws in the chin, as in the engravings of Franklin, Webster, and other great thinkers. Benevolence throws the head and body slightly forward, leaning toward the object which excites its sympathy; while veneration causes a low bow, which, the world over, is a token of respect; yet, when Veneration is exercised toward the Deity, as in devout prayer, it throws the head upward; and, as we use intellect at the same time, the head is generally directed forward.

He who meets you with a long, low bow, thinks more of you than of himself; but he who greets you with a short, quick bow—who makes half a bow forward, but a bow and a half backward,—thinks one of you, and one and a half of himself. Ideality throws the head slightly forward and to one side. Very firm men stand straight up and down, inclining not a hair's breadth forward or backward, or to the right or left; hence the expression, "He is an up-and-down man." And this organ is located exactly on a line with the body. Self-Esteem located in the back and upper portion of the head, throws the head and body upward and backward. Large feeling, pompous persons walk in a very dignified, majestic manner, and throw their heads in the direction of Self-Esteem; while approbative persons throw their heads backward, but to one side. The difference between the natural language of these two organs being slight, only the practical phrenologist can perfectly distinguish them.

Secretiveness gives a side motion to the head as if peering around a corner, and a half shut canning leer of the eyes.

A coxcomb once asked a philosopher, "What makes you hang your head down so? Why don't you hold it up, and look as I do?" and was answered: "Look at that field of wheat! The heads that are all well filled bend downward, but those that stand up straight are empty."

There is, moreover, a natural language of money-loving, a leaning forward and turning, which carries the head to one side, as if in ardent pursuit of something, and ready to grasp it with outstretched arms; while Alimentiveness, situated lower, hugs itself down to the dainty dish with the greediness of an epicure, better seen than described. The shake of the head is the natural language of Combativeness, and means no, or. I resist you. Those who are combating earnestly shake the head more or less violently, according to the power of the combative feeling, but always shake it slightly inclining backward; while Destructiveness, inclining forward, causes a shaking of the head slightly forward, and turning from side to side. When a person who threatens you shakes his head violently, and holds it partially backward, and to one side, never fear—he is only barking; but whoever inclines his head to one side, and shakes it violently, will bite, whether possessed

of two legs or four. The social affections are located in the back part of the head; and, accordingly, woman being more loving than man, when not under the influence of the other faculties, usually inclines her head backward, and when she kisses children, and those she loves, always turns the head directly backward, and rolls it from side to side, on the back of the neck. Thus it is that each of the various postures assumed by individuals expresses the present or permanent activity of their respective faculties.

SECTION III.

THE PHRENOLOGICAL FACULTIES, THEIR ANALYSIS AND CLASSIFICATION.

But the highest evidence, most conclusive to a thinking mind, that Phrenology is true, is this: Whatever is true bears indisputable evidence of its divine origin, in its infinite perfection; while that which is human is imperfect. If, therefore, Phrenology is true, every part and parcel of it will be perfection itself—in its facts, its philosophies, its teachings. And that proposed analysis of the phrenological faculties to which we now proceed will so expound its internal workings as to show whether it is or is not thus perfect or imperfect—true or false.

Its perfection is seen especially in these three aspects:

First, the grouping and location of its organs. Throughout all nature, the place of every organ serves to facilitate its function. Thus foot, eye, heart, each bone and organ, can fulfill its office better, placed where it is, than if placed anywhere else. And if Phrenology is true, each of the phrenological organs will be so located, both absolutely and as regards the others, that their position shall aid the end they subserve. And their being thus placed furnishes additional proof that Phrenology is divine.

Though the phrenological organs were discovered, some in one century and continent, and others in another, yet on casting the analytical eye over them all, we find them self-

classified by their geographical position in the head. When on first taking a general survey of the phrenological organs, thinking to improve the classification somewhat, I adopted this rule, beginning at the lowest posterior organs in the head, and classifying them in accordance with the geographical position upward and forward in the head; and have seen since no chance to improve on this general principle.

And what is more, all those organs are in groups whose faculties perform analogous functions. Thus all the social affections are grouped in one portion of the head—the back and power: and their position is beneath and below all, just as their function is basilar, yet comparatively unseen. Neither do these organs obtrude themselves on our vision; nor do we stand on the corners of the streets to proclaim how much we love husband, wife, children, or friends. So the animal organs are placed at the top of the spinal column and base of the brain, or just where the nerves from the various portions of the body ramify on the brain. Now the office of these organs is to carry forward the various bodily wants. This, nature fulfills, by placing them right at the head of those nerves which enable them to communicate with the body in the most perfect manner possible. So the organs in the top of the head, being the highest of all, fulfill the most exalted functions of all. By a law of structure, as we rise from the sole of the foot to the crown of the head, at every inch of our ascending progress we meet with functions more and more important as their organs are located still higher up. Feet, located lowest of all, perform the menial services of all; while the organs in the lower part of the body proper, higher in position, are also higher in function; for whereas we can live without feet, convenient though they be, yet we cannot live long without the visceral organs. Yet longer and better without these than heart or lungs, which located of all in the body proper, fulfill its most important functions their suspension causing simultaneous death. But even these perform functions less elevated than head, which, located highest of all, fulfills the crowning function of all—mind: that for which the entire body, as well as universal nature, was created. And we might therefore infer that the various parts of the brain would fulfill functions more important, according to their position upward from the base to the top. And so it is.

For while the animal and social organs are to man what foundations are to house—absolutely indispensable, yet that there is a higher quality or grade to man's moral faculties than animal—to those which ally him to angels and to God, than to matter, to immortality than mortality—is but the common sentiment of mankind. Is not the good man higher in the human scale than those of powerful animal functions? Are not these who are great intellectually greater than those who are great animally? The talented above the rich? or reason above acquisitiveness? Does not the philosophy involved in this position of the respective organs both absolutely, and as regards each other, evince a divine hand in its construction?

Secondly. Equally philosophical and perfect is the analysis of the phrenological faculties, considered both in reference to man's necessary life-requisitions, and as regards universal nature. Man, having a material department to his nature, must needs be linked to matter, and possessed of all its properties. He is so. Then might we not expect some department of his nature to inter-relate him to each property of matter? These phrenological faculties furnish that relation. And it so is that each phrenological faculty is adapted and adapts man to some great element in matter and arrangement in nature, as also to some special want or requisition of his being. Thus appetite relates him to his need of food, and to that department of nature which supplies this food, or to her dietetic productions. Causality adapts him to nature's arrangements of cause and effect; Comparison, to her classifications; Form, to her configurations; Ideality, to the beautiful; and in like manner each of the other faculties adapt him to some institute of nature. And to point out this adaptation furnishes the finest explanation of the faculties to be found, as well as the strongest proof that "the hand that formed them is divine." That is, Parental Love is adapted, and adapts man to, the infantile and parental relations. Nature must needs provide for the rearing of every individual child; and this she effects by creating in all parents—vegetable, animal, human—the parental sentiment, or love of their own young, particularly as infants, thus specifying what adult shall care for each particular child, thus absolutely providing for the rearing of all. Hence, whatever concerns the relations of parents to their children comes under this faculty; and its

correct analysis unfolds whatever concerns parents and their children. So Constructiveness adapts man to his need of clothes, houses, and materials for creature comforts, and is adapted to nature's mechanical institutes. And each of the other phrenological organs has a like adaptaton to some great fact or provision in the economy of things.

And what is yet more, each phrenological faculty is found to run throughout all animal, all vegetable life, and to be an inherent property of things—of nature, of matter. Thus, the phrenological faculty of Firmness expresses a principle which runs throughout every phase of nature, as seen in the stability of all her operations—the perpetual return of her seasons, the immutability of her laws, the stability of her mountains, the uniformity and reliability or firmness of all her operations. Time, too, expresses a natural institute. For it not only appertains to man and all his habits—the natural period of his life included—but all plants are timed, observe each its own times and seasons. Each seed, fruit, animal, everything has its time. Some things begin and end their lives, as it were, in a day—others a year: while the cedars of Lebanon or California live through many centuries. But even they have their germination, adolescence, maturity, decline, death, and decay. Given fruits ripen each at its given season; and even flowers and vegetables, transplanted from a southern to a northern latitude, keep up their periodical function in spite of opposite seasons. Has not every rock, even, its age? that is a time element—appertaining to the earth, and every one of its productions and their functions, as well as to every star,—is a universal institute of nature. So is Order. For are not eye, foot, heart, spine, always in their respective places? And so of bark, root, limb, fruit, every organ of every animal and vegetable—that is, method is quite as much an element of universal nature as of man. And is not conscientiousness in nature's arragement that, all her laws obeyed; reward—violated, punish? A tree injured inflicts punishment by withholding its fruit. And every wrong done to man, animal, or thing becomes its own avenger, while every right embodies its own reward, showing that the entity we call conscientiousness is a universal institute, not of man alone, but of every phase of life and function of nature.

For every quality of matter we have a faculty adapted to

appreciate and adapt us to it. Take the intellectual organs: Individuality recognizes the separativeness of things or existence. Form their shape, Size their magnitude, Weight their density or ponderosity, Color their hue, Order their arrangement. Number their plurality, Locality their place, Time their periodicity, Eventuality their history, Comparison their classification, Language their name, and Causalty their philosophical relations.

Thirdly. Phrenology teaches the true philosophy of life. It unfolds the original constitution of man. And in pointing out the original constitution of humanity, Phrenology shows who departs therefrom, and wherein. That is, by giving a beau ideal of human perfection, it teaches individuals and communities, wherein and how far they conform to, and depart from, this perfect human type, and thereby becomes the great reformer. And as far as individuals and communities live in accordance with its requisitions, they live perfect lives: that is, each of its faculties has a normal action. That normal action fulfilled is perfection. Has also an abnormal, which is imperfection. And in teaching us both their normal and abnormal, it thereby teaches us just how to live, even in details; and thereby settles questions in morals, in ethics, in deal between man and man, in every phase and aspect of life, down to its minutest details and requisitions, thereby becoming the great law-giver of humanity.

But to follow out these grand first principles would unduly enlarge our volume. Having stated them, the reader, curious to follow them up, will find in the American Phrenological Journal, and in works on Phrenology, these and kindred ideas amplified. Meanwhile, to proceed with the phrenological organs, their groups, and individual functions.

SECTION IV.

ANALYSIS AND COMBINATIONS OF THE FACULTIES

I.—THE SOCIAL GROUP, OR FAMILY AFFECTIONS, consisting of Amativeness, Conjugality, Parental Love, Friendship, Inhabitiveness, Continuity. These occupy the back and lower portion of the head, causing it to project behind the ears, and create most of the family affections and virtues.

1.—AMATIVENESS.



Fig. 21.—LARGE.



Fig. 22.—SMALL.

Sexuality: the Love element; attached to the opposite sex; desire to love, be loved, and marry.

Everything in nature is sexed—is male or female. And this sexual institute embodies these means employed by the Author of all life for its inception—for the perpetuity and multiplication of the race, of all forms of life. It creates in each sex admiration and love of the other: renders woman winning, persuasive, urbane, affectionate, loving, and lovely; and develops all the feminine charms and graces; and makes

man noble in feeling and bearing; elevated in aspiration; gallant, tender, and bland in manner; affectionate toward woman; pure in feeling; highly susceptible to female charms; and clothes him with that dignity, power, and persuasiveness which accompanies the masculine. Perverted, it occasions grossness and vulgarity in expression and action; licentiousness in all its forms; a feverish state of mind; depraves all the other propensities; treat the other sex merely as a minister to passion—now carressing, and now abusing them; and renders the love-feeling every way gross and animal.

VERY LARGE.—Are admirably sexed, or well-nigh perfect as a male or female; literally idolize, almost worship, the opposite sex; treat them with the utmost consideration; cherish for them the most exalted feelings of regard and esteem, as if they were superior beings; have the instincts—the true spirit and tone—of the male or female in a pre-eminent degree; must love and be beloved, and with inexpressible tenderness; are sure to elicit and return love; are winning, attractive to, and attracted by, the other sex; and that by instinct, in behavior, in conversation, in all they say and do; with organic quality 6, and the other social organs large have the conjugal intuition in a pre-eminent degree; assimilate and conform to those loved, and become perfectly united; and with Conjugality large, manifest the most clinging fondness and utmost devotion, and are made or unmade for life by the state of the affections. For other combinations, see Large.

LARGE.—Are well sexed, or much of a man or woman; that is, have the form, carriage, spirit, manners, and mind of the true man or woman in a high degree; are eminently both loving and lovely; are full of love, and with Conjugality large, of the real conjugal sentiment and intuition; strongly attract, and are strongly attracted by, the opposite sex; admire and love their beauty and excellences; easily win their affectionate regards, or kindle their love; have many warm friends, if not admirers, among them; love young and intensely, and are powerfully influenced by the love elements for good or evil, according as it is well or ill-placed; with Adhesiveness and Conjugality large, will mingle pure friend-

ship with devoted love; can not flourish alone, but must have a matrimonial mate, with whom to become perfectly identified, and whom to invest with almost superhuman perfections, by magnifying their charms and overlooking their defects; in the sunshine of whose love be perfectly happy, but proportionally miserable without it; with large Ideality and the mental temperament added, will experience a fervor and intensity of love, amounting almost to ecstasy or romance; can marry those only who combine refinement of manners with correspondingly strong attachments; with Parental Love and Benevolence also large, are eminently qualified to enjoy the domestic relations, and be happy in home, as well as render home happy; with Inhabitiveness also large, will set a high value on house and place; long to return home when absent, and consider family and children as the greatest of life's treasures; with large Conscientiousness added, will keep the marriage relations inviolate, and regard unfaithfulness as the greatest of sins; with Combativeness large, will defend the object of love with great spirit, and resent powerfully any indignity offered them; with Alimentiveness large, will enjoy eating with the family; with Approbateness large, cannot endure to be blamed by those beloved; with Cautiousness and Secretiveness large, will express love guardedly, and much less than is experienced; but with Secretiveness small, will show in every look and action the full, unveiled feeling of the soul; with Firmness, Self-Esteem, and Conjugality large, will sustain interrupted love with fortitude, yet suffer much damage of mind and health therefrom; but with Self-Esteem moderate, will feel crushed and broken down by disappointment; with the moral faculties predominant can love those only whose moral tone is pure and elevated; with predominant Ideality, and only average intellectual faculties, will prefer those who are showy and gay to those who are sensible, yet less beautiful; but with Ideality less than the intellectual and moral organs, will prefer those who are substantial and valuable rather than showy; with Mirthfulness, Time, and Tune, will love dancing, lively company, etc.

FULL.—Possess quite strong susceptibilities of love for a congenial spirit; are capable of purity, intensity, and cordiality of love; with Adhesiveness and Benevolence large, will

be kind and affectionate in the family; with Secretiveness large, will manifest less love than is felt, and show little in promiscuous society; with a highly susceptible temperament will experience great intensity of love, and evince a good degree of masculine or feminine excellence, etc.

AVERAGE.—Are capable of fair sexual attachments, and calculated to feel and exhibit a good degree of love, provided it is properly placed and fully called out; experience a great or less degree of love in proportion to its activity; as a man, are quite attached to mothers and sisters, and fond of female society, and endowed with a fair share of the masculine element, yet not remarkable for its perfection; as a woman, quite winning and attractive, yet not particularly susceptible to love; as a daughter, fond of father and brothers, and desirous of the society of men, yet not extremely so; and capable of a fair share of conjugal devotedness under favorable circumstances; combined with an ardent temperament, and large Adhesiveness and Ideality, have a pure and platonic cast of love, yet cannot assimilate with a coarse temperament, are refined and faithful, yet have more friendship than passion; can love those only who are just to their liking; with Cautiousness and Secretiveness large, will express less love than is felt, and that equivocally, and by piecemeal, nor then till the loved one is fully committed; with Cautiousness, Approbativeness, and Veneration large, and Self-Esteem small, are kind and affectionate in the family, the company of a select few of the opposite sex; with Adhesiveness, Benevolence, and Conscientiousness large, and Self-Esteem small, are kind and affectionate in the family, yet not particularly fond of caressing or being caressed; and do much to make family happy, yet will manifest no great fondness and tenderness; with Order, Approbativeness, and Ideality large, seek in a companion personal neatness and polish of manners; with full intellectual and moral faculties, base their conjugal attachments in the higher qualities of the affections, rather than their personal attractiveness or strength of passion; but with a common-place temperament, and not so full moral and intellectual faculties, are indifferent toward the opposite sex, and rather cool toward them in manners and conversation; neither attract nor are attracted much, and are

rather tame in love and marriage, and can live tolerably comfortable without loving or being beloved, etc.

MODERATE.—Will be rather deficient, though not palpably so, in the love element, and averse to the other sex; and love their mental excellences more than personal charms; show little desire to caress or be caressed; and find it difficult to sympathize with a conjugal partner, unless the natural harmony between both is well-nigh perfect; care less for marriage, and can live unmarried without inconvenience; with Conjugality large, can love but once, and should marry only the first love, because the love-principle will not be sufficiently strong to overcome the difficulties incident to its transfer, or the want of congeniality, and find more pleasure in other things than in the matrimonial relations; with an excitable temperament, will experience greater warmth and ardor than depth and uniformity of love; with Ideality large and organic quality 6, are fastidious and over-modest, and terribly shocked by allusions to love; pronounce love a silly farce, only fit for crack-brained poets; with Approbativeness large, will soon become alienated by rebukes and fault-finding; with Adhesiveness and the moral and intellectual faculties large, can become strongly attached to those who are highly moral and intellectual, yet experience no affinity for any other, and to be happy in marriage, must base it in the higher faculties.

SMALL.—Dislike the opposite sex, and distrust and refuse to assimilate with them; feel little sexual love, or desire to marry; are cold, coy, distant, and reserved toward the other sex; experience but little of the beautifying and elevating influence of love, and should not marry, because incapable of appreciating its relations, and making a companion happy.

VERY SMALL.—Are passively continent, and almost destitute of love.

TO CULTIVATE.—Mingle much in the society of the other sex; observe and appreciate their excellences, and overlook their faults; be as gallant, as gentlemanly or lady-like, as inviting, as prepossessing, as lively and entertaining in their society as you know how to be, and always on the alert to please them; say as many complimentary and pretty things, and as few disagreeable things, as possible; that is, feel and

play the agreeable; if not married, contemplate its advantages and pleasures, and be preparing to enjoy them; if married, get up a second and an improved edition of courtship; re-enamor both yourself and conjugal partner, by becoming just as courteous, loving, and lovely as possible; luxuriate in the company and conversation of those well sexed, and seek to drink in their inspiring influence; be less fastidious, and more free and communicative; establish a warm, cordial intimacy and friendship for them, and feast yourself on their masculine or feminine excellences; if not married, marry, and cultivate the feelings, as well as live the life of a right and a hearty sexuality.

TO RESTRAIN.—Simply direct this love element more to the mental, and less to the personal qualities of the other sex; admire and love them more for their minds than bodies, more for their moral purity and conversational powers than instruments of passion; seek the society of the virtuous and good, but avoid that of the vulgar; should mingle in their society but to derive moral elevation and inspiration therefrom, not to feed the fires of passion; to be made better and yield to their molding influences for good; should be content to commune with their spirits; should sanctify and elevate the cast and tone of love, and modify its baser forms; especially should lead a right physiological life—avoid sugar, cake, spices, tea, coffee, tobacco, and all forms and degrees of alcoholic drinks, wines and beer; exercise much in the open air; work-off your vital force on other functions as a relief of this; bathe daily; eat sparingly; study and commune with nature; cultivate the pure, the intellectual, the moral, as the best means of rising above the passional, and put yourself on a high human plane throughout. Remember these two things—first, that you require its purification, elevation, and right direction rather than restraint, because it is more perverted than excessive—and secondly, that the inflamed state of the body irritates and perverts this passion, of which a cooling regimen is a specific antidote.

A.—CONJUGALITY.

MONOGAMY: UNION FOR LIFE; the pairing instinct; attachment to one conjugal partner; duality and exclusive.

ness of love. Perverted action—a broken heart; jealousy; envy towards love rivals. Located between Amativeness and Adhesiveness and adapted to parents living with and educating all their own children in the same family. Some birds, such as doves, eagles, geese, robins, etc., pair and remain true to their connubial attachment; while hens, turkeys, sheep, horses, and neat cattle associate promiscuously, which shows this to be a faculty distinct from Amativeness and Adhesiveness, since some animals have it and some do not.



Fig. 23.—LARGE.



Fig. 24.—SMALL.

VERY LARGE.—Select some one of the opposite sex as the sole object of love; concentrate the whole soul on the single one beloved; magnifying excellences and overlooking faults; long to be always with that one; are exclusive, and require a like exclusiveness; are true and faithful in wedlock, if married in spirit; possess the element of conjugal union, of flowing together of soul, in the highest degree, and with continuity 6, become broken-hearted when disappointed, and comparatively worthless in this world; seek death rather than life; and should manifest the utmost care to bestow itself only where it can be reciprocated for life.

LARGE.—Seek one, and but one, sexual mate; experience

the keenest disappointment when love is interrupted; are restless until the affections are anchored; are perfectly satisfied with the society of that one; and should exert every faculty to win the heart and hand of the one beloved, nor allow anything to alienate the affections.

FULL.—Can love cordially, yet are capable of changing their object, especially if Continuity is moderate; will love for life, provided circumstances are favorable, yet will not bear everything from a lover or companion, and if one love is interrupted can readily form another.

AVERAGE.—Are disposed to love but one for life, yet capable of changing their object, and, with Secretiveness and Approbativeness large, and Conscientiousness only full, are capable of coquetry, especially if Amativeness is large, and Adhesiveness only full, and the temperament more powerful than fine-grained; such should cultivate this faculty, and not allow their other faculties to break their first love.

MODERATE.—Are somewhat disposed to love only one, yet allow other stronger faculties to interrupt that love, and, with Amativeness large, can form one attachment after another with comparative ease, yet are not true as a lover, nor faithful to the connubial union.

SMALL.—Have but little conjugal love, and seek the promiscuous society and affection of the opposite sex, rather than a single partner for life. Would incline to regard an engagement as a kind of bondage, and would prefer to have no positive engagement until the near approach to the marriage.

VERY SMALL.—Manifest none of this faculty, and experience little.

TO CULTIVATE.—Do not allow new faces to awaken new loves, but cling to the first one, and cherish its associations and reminiscences; do not allow the affections to wander, but be much in the company of the one already beloved, and both open your heart to love the charms, and keep up those thousand little attentions calculated to revive and perpetuate conjugal love.

TO RESTRAIN.—Try to appreciate the excellences of others than the first love, remembering that “there are as good fish in the sea as ever were caught;” if a first love dies or is

blighted, by no means allow yourself to pore over the bereavement, but transfer affection just as soon as a suitable object can be found, and be industrious in finding one, by making yourself just as acceptable and charming as possible. Above all, do not allow a pining, sad feeling to crush you.

2.—PARENTAL LOVE.

(Philoprogenitiveness.)

Attachment to one's own offspring; love of children, pets and animals generally, especially those young or small; adapted to that infantile condition in which man enters the world,



Fig. 25.—LARGE.



Fig. 26.—SMALL.

and to children's need of parental care and education. This faculty renders children the richest treasure of their parents, casts into the shade all the toils and expense they cause, and lacerates them with bitter pangs when death or distance tears them asunder. It is generally much larger in woman than in man; and nature requires mothers to take the principal care of infants. Perverted, it spoils children by excessive indulgence, pampering, and humoring.

VERY LARGE.—Experience the parental feeling with the greatest possible intensity and power; almost idolize their own

children, grieve immeasurably over their loss, and, with large Continuity, refuse to be comforted; with very large Benevolence, and only moderate Destructiveness, can not bear to see them punished, and with only moderate Causalty, are liable to spoil them by over-indulgence; with large Approbativeness added, indulge parental vanity and conceit; with large Cautiousness and disordered nerves, are always cautioning them, and feel a world of groundless apprehension about them; with Acquisitiveness moderate, make them many presents, and lavish money upon them; but with a large Acquisitiveness lay up fortunes for them; with large moral and intellectual organs, are indulgent, yet love them too well to spoil them, and do their utmost to cultivate their higher faculties, etc.

LARGE.—Love their own children devotedly; value them above all price, cheerfully endure toil and watching for their sake; forbear with their faults; win their love; delight to play with them, and cheerfully sacrifice to promote their interests; with Continuity large, mourn long and incessantly over their loss; with Combativeness, Destructiveness, and Self-Esteem large, are kind, yet insist on being obeyed; with Self-Esteem and Destructiveness moderate, are familiar with and liable to be ruled by them; with Firmness only average, fail to manage them with a steady hand; with Cautiousness large, suffer extreme anxiety if they are sick or in danger; with large moral and intellectual organs, and less Combativeness and Destructiveness, govern them more by moral suasion than physical force—by reason than fear; are neither too strict nor over-indulgent; with Approbativeness large, value their moral character as of the utmost importance; with Veneration and Conscientiousness large, are particularly interested in their moral improvement; with large excitability, Combativeness, and Destructiveness, and only average Firmness, will be by turns too indulgent and over-provoked—will pet them one minute, but punish them the next; with larger Approbativeness and Ideality than intellect, will educate them more for show than usefulness—more fashionably than substantially—and dress them off in the extreme of fashion; with a large and active brain, strong moral and intellectual faculties, and Firmness, and only full Combativeness, Destructiveness, and Self-Esteem are well calculated to teach and manage the young. It renders farmers fond of stock, dogs, etc., and woman fond of birds,

lap-dogs, etc.; girls fond of dolls, and boys of being among horses and cattle; and creates a general interest in young and small animals.

FULL.—Love their own children well, yet not passionately—do much for them, yet not more than necessary—and with large Combativeness, Destructiveness, and Self-Esteem, are too severe, and make too little allowance for their faults; but with Benevolence, Adhesiveness, and Conscientiousness large do and sacrifice much to supply their wants and render them happy. Its character, however, will be mainly determined by its combinations.

AVERAGE.—Love their own children tolerably well, yet care but little for those of others; with large Adhesiveness and Benevolence, like them better as they grow older, yet do and care little for infants—are not duly tender to them, or forbearing toward their faults, and should cultivate parental fondness, especially if Combativeness, Destructiveness, and Self-Esteem are large.

MODERATE.—Are not fond enough of children; can not bear much from them; fail to please or take good care of them; particularly of infants; can not endure to hear them cry, or make a noise, or disturb things; and with an excitable temperament and large Combativeness, are liable to punish them for trifling offenses, find much fault with them, and be sometimes cruel; yet, with Benevolence and Adhesiveness large, may do what is necessary for their comfort.

SMALL.—Care little for their own children, and still less for those of others; and with Combativeness and Destructiveness large, are liable to treat them unkindly and harshly, and are utterly unqualified to have charge of them.

VERY SMALL.—Have little or no parental love or regard for children, but conduct toward them as the other faculties dictate.

TO CULTIVATE.—Play with and make much of children; try to appreciate their loveliness and innocence, and be patient and tender and indulgent toward them; and if you have no children of your own, adopt a child, or provide something to pet and fondle.

TO RESTRAIN.—Set judgment over against affection; rear them intellectually; give yourself less anxiety about them, and

if a child dies, by all means turn your mind from that loss by seeking some powerful diversion, and a change of associations, removing clothes and all remembrances, and keep from talking or thinking about them.

3.—FRIENDSHIP.

(Adhesiveness.)

Social feeling; love of society; desire to congregate, associate, visit, seek company, entertain friends, form and reciprocate attachments, and indulge the friendly feelings. When perverted it forms attachments for the unworthy, and leads to bad company. Adapted to man's requisition for concert of action, copartnership, combination, and community of feeling and interest, and is a leading element of his social relations.

VERY LARGE.—Love friends with the utmost tenderness and intensity and will sacrifice almost anything for their sake; with Amativeness large, are susceptible of the highest order of conjugal love, yet base that love primarily in friendship; with Combativeness and Destructiveness large, defend friends with great spirit, and resent and retaliate their injuries; with Self-Esteem moderate, take character from associates; with Acquisitiveness moderate, allow friends the free use of your purse; but with Acquisitiveness large, will do more than give; with Benevolence and Approbativeness moderate, and Acquisitiveness only full, will spend money freely for social gratification; with Self-Esteem and Combativeness large, must be first or nothing; but with only average Combativeness, Destructiveness, and Self-Esteem, large Approbativeness, Benevolence, Conscientiousness, Ideality, Marvelousness, and reasoning organs, will have many friends, and but few enemies—be amiable and universally beloved; with large Eventuality and Language, will remember, with vivid emotions, by-gone scenes of social cheer and friendly converse; with large reasoning organs, will give good advice to friends, and lay excellent plans for them; with smaller Secretiveness and large moral organs, will not believe ill of them, and dread the interruption of friendship as the greatest of calamities; willingly make any sacrifice required by friendship, and evince a perpetual flow of that commingling of soul, and desire to become one with others which this faculty inspires.

LARGE.—Are cordial, and ardent as friends; readily form friendship, and attract friendly regards in return; must have society of some kind; with Benevolence large, are hospitable, and delight to entertain friends; with Alimentiveness large, love the social banquet, and set the best before friends; with Approbativeness large, set the world by their commendation, but are terribly cut by their rebukes; with the moral faculties large, seek the society of the moral and elevated, and can enjoy the friendship of no others; with the intellectual faculties large, seek the society of the intelligent; with Language large, and Secretiveness small, talk freely in company; and with Mirthfulness and Ideality also large, are full of fun, and give a lively, jocose turn to conversation, yet are elevated and



Fig. 27 -LARGE.



Fig. 28.—SMALL.

refined; with Self-Esteem large, lead off in company, and give tone and character to others; but with Self-Esteem small, receive character from friends, and with Imitation large, are liable to copy their faults as well as virtues, with Cautiousness, Secretiveness, and Approbativeness large, are apt to be jealous of regards bestowed upon others, and exclusive in the choice of friends—having a few select, rather than many commonplace: with large Casualty and Comparison, love philosophical conversation, literary societies, etc., and are in every way sociable and companionable.

FULL.—Prefer to live in one place, yet willingly change it for a friend, who will sacrifice much on the altar of friendship,

yet offer up friendship on the altar of the stronger passions; with large or very large Combativeness, Destructiveness, Self-Esteem, Approbativeness, and Acquisitiveness, will serve self first, and friends afterwards; form attachments and break them, when they conflict with the stronger faculties; with large Secretiveness and moderate Conscientiousness, will be double-faced, and profess more friendship than they possess: with Benevolence large, will cheerfully aid friends, yet it will be more from sympathy than affection; will have a few warm friends, yet only few, but perhaps many speaking acquaintances; and with the higher faculties generally large, will be a true, good friend, yet by no means enthusiastic; many of the combinations under Adhesiveness large, apply to it when full, allowance being made for its diminished power.

AVERAGE.—Are capable of tolerably strong friendships, yet their character is determined by the larger faculties; enjoy present friends, yet sustain their absence; with large Acquisitiveness, place business before friends, and sacrifice them whenever they conflict with money-making; with Benevolence large, are more kind than affectionate, relish friends yet sacrifice no great for their sake; with Amativeness large, love the person of the other sex more than their minds, and experience less conjugal love than animal passion; with Approbativeness large, break friendship when ridiculed or rebuked, and with Secretiveness large, and Conscientiousness only average, can not be trusted as friends.

MODERATE.—Love society somewhat, and form a few, but only few, attachments, and these only partial; may have many speaking acquaintances, but few intimate friends, with large Combativeness and Destructiveness, are easily offended with friends, and seldom retain them long; with large Benevolence, will bestow services, and with moderate Acquisitiveness, money, more readily than affection; but with the selfish faculties strong, take care of self first, and make friendship subservient to interest.

SMALL.—Think and care little for friends; dislike copartnership; are cold-hearted, unsocial, and selfish; take little delight in company, but prefer to be alone; have few friends, and with large Selfish faculties, many enemies, and mani-

fest too little of this faculty to exert a perceptible influence upon character.

VERY SMALL.—Are perfect strangers to friendship.

TO CULTIVATE.—Go more into society; associate freely with those around you; open your heart; don't be so exclusive and distant; keep your room less, but go more to parties, and strive to be as companionable and familiar as you well can; nor refuse to affiliate with those not exactly to your liking, but like what you can, and overlook faults.

TO RESTRAIN.—Go abroad less, and be more select in choosing friends; besides guarding yourself against those persuasions and influences friends are apt to exercise over you, and trust friends less, as well as properly direct friendship by intellect.



Fig. 29.—LARGE.



Fig. 30.—SMALL.

4.—INHABITIVENESS.

The home feeling; love of house, the place where one was born or has lived, and of home associations. Adapted to man's need of an abiding place, in which to exercise the family feelings; patriotism. Perversion—home-sickness when away from home, and needless pining after home.

VERY LARGE.—Are liable to homesickness when away from home, especially for the first time, and the more so

if Parental Love and Adhesiveness are large; will suffer almost any inconvenience, and forego bright prospects rather than leave home; and remain in an inferior house or place of business rather than change. For combinations, see Inhabiteness—Large.

LARGE.—Have a strong desire to locate young, to have a home or room exclusively; leave home with great reluctance, and return with extreme delight; soon become attached to house, sleeping-room, garden, fields, furniture, etc.; and highly prize domestic associations; are not satisfied without a place on which to expend this home instinct; with Parental Love, Adhesiveness, Individuality, and Locality large, will love to travel, yet be too fond of home to stay away long at a time; may be a cosmopolite in early life, and see much of the world, but will afterward settle down; with Approbativeness and Combaticiveness large, will defend national honor, praise own country, government, etc., and defend both country and fireside with great spirit; with Ideality large, will beautify home; with Friendship large, will delight to see friends at home rather than abroad; with Alimentiveness large, will enjoy food better at home than elsewhere, etc.

FULL.—Prefer to live in one place, yet willingly change it when interest or the other faculties require it; and with large Parental Love, Adhesiveness, and Amativeness, will think more of family and friends than of the domicile.

AVERAGE.—Love home tolerably well, yet with no great fervor, and change the place of abode as the other faculties may dictate; take some, but no great interest in house or place, as such, or pleasure in their improvement, and are satisfied with ordinary home comforts; with Acquisitiveness large, spend reluctantly for its improvement; with Constructiveness moderate, take little pleasure in building additions to home; with Individuality and Locality large, love traveling more than staying in one place, and are satisfied with inferior home accommodations.

MODERATE OR SMALL.—Care little for home; leave it without much regret; contemplate it with little delight; take little pains with it; and with Acquisitiveness large, spend reluctantly for its improvement.

VERY SMALL.—Feel little, and show less, love of domicile as such.

TO CULTIVATE.—Stay more at home, and cultivate a love of home, and its associations and joys, and the love of country.

TO RESTRAIN.—Go from home, and banish that feeling of home-sickness experienced away from home.

5.—CONTINUITY.

A patient dwelling upon one thing until it is done; consecutiveness and connectedness of thought and feeling. Adapted to a man's need of doing one thing at a time. Perversion—prolixity, repetition, and excessive amplification. This faculty can hardly be grouped, as its function seems to work with and aid every other.



Fig. 31.—LARGE.



Fig. 32.—SMALL.

VERY LARGE.—Fix the mind upon objects slowly, yet can not leave them unfinished; have great application, yet lack intensity or point; are tedious, prolix, and thorough in a few things rather than an amateur in many.

LARGE.—Give the whole mind to the one thing in hand till it is finished; complete at the time: keep up one common train of thought, or current of feeling, for a long time; are disconcerted if attention is directed to a second object, and can not duly consider either; with Adhesiveness large, pore sadly over the loss of friends for months and years; with the moral faculties large, are uniform and consistent in religious exercises and character; with Combaticiveness and

Destructiveness large, retain grudges and dislikes for a long time; with Ideality, Comparison, and Language large, amplify and sustain figures of speech; with the intellectual faculties large, con and pore over one thing, and impart a unity and completeness to intellectual investigations; become thorough in whatever study is commenced, and rather postpone than commence, unless sure of completing.

✓FULL.—Dwell continuously upon subjects, unless especially called to others; prefer to finish up matters in hand, yet can, though with difficulty, give attention to another thing; with the business organs large, make final settlements; with the feelings strong, continue their action, yet are not monotonous, etc.

AVERAGE.—Can dwell upon things, or divert attention to others, as occasion requires; are not confused by interruption, yet prefer one thing at a time; with the intellectual organs large, are not a smatterer, nor yet profound; with the mental temperament, are clear in style, and consecutive in idea, yet never tedious; with Comparison large, manufacture expressions and ideas consecutively, and connectedly, and always to the point, yet never dwell unduly.

MODERATE.—Love and indulge variety and change of thought, feeling, occupation, etc.; are not confused by them; rather lack application; with a good intellectual lobe, and an active temperament, know a little about a good many things, rather than much about any one thing; with an active organization, think clearly, and have unity and intensity of thought and feeling, yet lack connectedness; with large Language and small Secretiveness, talk easily, but not long at a time upon any one thing; do better on the spur of the moment than by previous preparation; and should cultivate consistency of character and fixedness of mind, by finishing all begun.

SMALL.—With activity great, commence many things, yet finish few; crave novelty and variety; have many irons in the fire; lack application; jump rapidly from premise to conclusion, and fail to connect and carry out ideas; lack steadiness and consistency of character; may be brilliant, yet can not be profound; humming-bird like, fly rapidly from thing to thing, but do not stay long; have many good thoughts, yet

they are scattered; and talk on a great variety of subjects in a short time, but fail sadly in consecutiveness of feeling, thought, and action. An illustrative anecdote: An old and faithful servant to a passionate, petulant master, finally told him he could endure his testiness no longer, and must leave, though with extreme reluctance. "But," replied the master, "you know I am no sooner angry than pleased again." "Aye, but," replied the servant, "you are no sooner pleased than angry again."

VERY SMALL.—Are restless, and given to perpetual change; with activity great, are composed of gusts and counter-gusts of passion, and never one thing more than an instant at a time.

TO CULTIVATE.—Dwell on, and pore over, till you complete the thing in hand; make thorough work; and never allow your thoughts to wander, or attention to be distracted or indulge diversity or variety in anything.

TO RESTRAIN.—Engage in what will compel you to attend to a great many different things in quick succession, and break up that prolix, long-winded monotony caused by an excess of this faculty.

II.—SELFISH PROPENSITIES.

consisting of Vitativeness, Combativeness, Destructiveness, Alimentiveness, Acquisitiveness, Secretiveness. These provide for man's animal wants; create those desires and instincts and supply those wants which relate more especially to his animal existence and physical necessities directed, and sanctified by the higher faculties, have tremendous force of character and energy of mind.

TO CULTIVATE.—Keep a sharp eye on your own interests; look out well for number one; fend off impositions; harden up; don't be so good; and in general cultivate a burly, driving, self-caring, physical, worldly, spirit; especially increase the physical energies by observing the health-laws, as this will re-increased those animal organs.

TO RESTRAIN.—First and most, obviate all causes of physical inflammation and false excitement; abstain from spiritous liquors, wines, tobacco, mustard, spices, all heavy and

rich foods; eat lightly, and of farinaceous rather than of flesh diet, for meat is directly calculated to inflame the animal passions; avoid temptation and incentives to anger and sensuality; especially associate only with the good, never with those who are vulgar or vicious; but most of all, cultivate the higher purer moral faculties, and aspire to the high and good; also cultivate love of nature's beauties and works, as the very best means of restraining the animal passions.

E.—VITATIVENESS.

Tenacity of life; resistance of death; love of existence as such; dread of annihilation; love of life, and clinging tenaciously to it for its own sake.



Fig. 33.—LARGE.



Fig. 34.—SMALL.

VERY LARGE.—Shrink from death, and cling to life with desperation; struggle with the utmost determination against disease and death; nor give up to die till the very last, and then by the hardest; with Cautiousness very large, and Hope moderate, shudder at the very thought of dying, or being dead; but with Hope large, expect to live against hope and experience. The combinations are like those under large, allowance being made for the increase of this faculty.

LARGE.—Will struggle resolutely through fits of sickness,

and will not give up to die till absolutely compelled to do so. With large animal organs, cling to life on account of this world's gratifications; with large moral organs, to do good—to promote human happiness, etc., with large social faculties, love life both for its own sake and to bless family; with very large Cautiousness, dread to change the present mode of existence, and with large and perverted Veneration and Conscientiousness, and small Hope, have an indescribable dread of entering upon an untried future state; but with Hope large, and a cultivated intellect, expect to exist hereafter, etc.

FULL.—Love life, and cling tenaciously to it, yet not extravagantly; hate to die, not from the fear of being dead, but yield to disease and death, though reluctantly.

AVERAGE.—Enjoy life, and cling to it with a fair degree of earnestness, yet by no means with passionate fondness; and with a given constitution and health, will die easier and sooner than with this organ large.

MODERATE OR SMALL.—Like to live, yet care very little about existence for their own sake; with large animal or domestic organs, may wish to live on account of family, or business, or worldly pleasures, yet care less about it for their own sake, and yield up existence with little reluctance or dread.

VERY SMALL.—Have no desire to live merely for the sake of living, but only to gratify other faculties.

TO CULTIVATE.—Think of the value of life, and plan things to be done and pleasures to be enjoyed that are worthy to live for.

TO RESTRAIN.—Guard against a morbid love of life, or dread of death. Regard death as much as possible as a natural institution, and this life as the pupilage for a better state of being.

6.—COMBATIVENESS.

Resistance—opposition; defense; defiance; boldness; courage; spirit; desire to encounter; self-protection; presence of mind; determination; get-out-of-my-way; let-me-and-mine-alone. Adapted to man's requisition for overcoming obstacles, contending for rights, etc. Perversion—anger; contrary; fault-finding; contention; ill-nature; and fighting.

VERY LARGE.—Show always and everywhere the utmost heroism, boldness, and courage; can face the cannon's mouth coolly, and stare death in the face without flinching; put forth remarkable efforts in order to carry measures; grapple right in with difficulties with a real relish, and dash through them as if mere trifles; love pioneer, adventurous, even hazardous expeditions; shrink not from danger; are appalled by no hardships; prefer a rough and daring life—one of struggle and hair-breadth escapes—to a quiet, monotonous business; are determined never to be conquered, even by superior odds, but incline to do battle single-handed against an army; with Caution only full, show more valor than discretion, are often



Fig. 35.—LARGE.



Fig. 36.—SMALL.

fool-hardy, and always in hot water; with smaller Secretiveness and Approbateness, are most unamiable, hatefulness sticking right straight out; with drinking habits and bad associates, have a most violent, ungovernable temper; are desperate, most bitter, and hateful, and should never be provoked. For additional combinations see Large, allowing for difference in size.

LARGE.—Are bold, resolute, fearless, determined, disposed to grapple with and remove obstacles, and drive whatever is undertaken; love debate and opposition; are perfectly cool and intrepid; have great presence of mind in times of

danger, and nerve for encounter; with large Parental Love, take the part of children; with large Inhabitiveness, defend country; with a powerful muscular system, put forth all their strength in lifting, working, and all kinds of manual labor; with great Vitativeness and Destructiveness, defend life with desperation; with large Acquisitiveness, maintain pecuniary rights, and drive money-making plans; with large Approbativeness, resent insult, and large Adhesiveness added, defend the character of friends; with full or large Self-Esteem, defend personal interest, take their own part with spirit, and repel all aggressions; with Self-Esteem small, and Benevolence and Friendship large, defend the interests of friends more than of self; with large Conscientiousness, prosecute the right and oppose the wrong most spiritedly; with large intellectual organs, impart vigor, power, and impressiveness to thoughts, expressions, etc.; with disordered nerves, are peevish, fretful, fault-finding, irritable, dissatisfied, unreasonable, and fiery in anger, and should first restore the nerves to health, and then restrain this fault-finding disposition, by remembering that the cause is in themselves, instead of in what they fret at.

\\ FULL.—Evince those feelings described under Large, yet in a less degree, and as modified more by the larger organs; thus, with large moral and intellectual faculties, show much more moral than physical courage; maintain the right and oppose the wrong; yet, with Firmness large, in a decided rather than in a combative spirit, etc.

AVERAGE.—Evince the combative spirit according to circumstances; when vigorously opposed, or when any of the other faculties work in conjunction with Combativeness, show a good degree of the opposing, energetic spirit; but when any of the other faculties, such as large Cautiousness or Approbativeness, work against it, are irresolute, and even cowardly; with an active temperament, and disordered nerves, especially if dyspeptic, have a quick, sharp, fiery temper, yet lack power of anger; will fret and threaten, yet mean, and actually do, but little; with a large brain, and large moral and intellectual organs, will put forth some intellectual and moral force when once thoroughly roused, which will be but seldom; with large Approbativeness, and small Acquisitiveness, will defend character, but not pecuniary rights; with large Cautiousness,

may be courageous where danger is far off, yet will run rather than fight; with smaller Cautiousness, will show some resentment when imposed upon, but submit rather tamely to injuries; with very large Parental Love, and only average friendship, will resent any injuries offered to children with great spirit, yet not those offered to friends, etc.

MODERATE.—Rather lack efficiency; with only fair muscles, are poor workers, and fail to put forth even what little strength they have; with good moral and intellectual organs, possess talent and moral worth, yet are easily overcome by opposition or difficulty; should seek some quiet occupation, where business comes in of itself, because loth to intrude unbidden upon the attention of others; are too good to be energetic; with weak Acquisitiveness, allow virtual robbery without resentment; with large Cautiousness, are tame and pusillanimous; with large Approbativeness, can not stand rebuke, but wilt under it; with moderate Self-Esteem and Hope, are all “I can’t, it’s hard,” etc., and will do but little in life.

SMALL.—Are inert and inefficient; can accomplish little; never feel self-reliant or strong; and with large moral and intellectual organs, are too gentle and easily satisfied; with large Cautiousness, run to others for protection, and are always complaining of bad treatment.

VERY SMALL.—Possess scarcely any energy, and manifest none.

TO CULTIVATE.—Encourage a bold, resistant, defiant, self-defending spirit; fend off imposition like a real hero; rather encourage than shrink from encounter; engage in debate, and the mental conflict of ideas and sentiments in politics, in religion, in whatever comes up, and take part in public meetings; take sides in everything; say and try to feel—None shall provoke me with impunity.

TO RESTRAIN.—Do just the opposite of the preceding advice; whenever you find anger rising, turn on your heel; avoid debate, and say mildly and pleasantly whatever you have to say; bear with imposition rather than resent it; cultivate a turn-the-other-cheek spirit; never swear, or scold, or blow up anybody, and restrain temper and wrath in all their manifestations.

7.—DESTRUCTIVENESS.

Executiveness; severity; sternness; the destroying and pain-causing faculty; harshness; extermination; indignation; disposition to break, crush, and tear down; the walk-right-through-spirit. Adapted to man's destroying whatever is prejudicial to his happiness; performing and enduring surgical operations; undergoing pain, etc. Perversion—wrath; revenge; malice; disposition to murder, etc.

VERY LARGE.—Experience the most powerful indignation, amounting even to rage and violence, when thoroughly provoked; and with large or very large Combativeness, act like a chafed lion, and feel like rushing into the midst of



Fig. 37.—LARGE.



Fig. 38.—SMALL.

perilous dangers; tear up and destroy whatever is in the way; are harsh and often morose in manner, and should cultivate pleasantness; with large Combativeness, Firmness, Self-Esteem, and Approbativeness moderate, are exceedingly repulsive, hating and hateful when angry, and much more provoked than occasion requires; with large intellects, put forth tremendous mental energy; and should offset this faculty by reason and moral feeling, and cultivate blandness instead of wrath.

LARGE.—Impart that determination, energy, and force which remove or destroy whatever impedes progression; with Firmness large, give that iron will which adheres till the very last, in spite of everything, and carry points anyhow; with large Combativeness, impart a harsh, rough mode of expression and action, and a severity, if not fierceness to all encounters; with large Acquisitiveness and Conscientiousness, will have every cent due, though it costs two to get one, yet want no more, and retain grudges against those who have injured the pocket; with large Approbativeness and Combativeness, experience determination and hostility toward those who trifle with reputation or impeach character; with large Self-Esteem, upon those who conflict with its interests, or detract from its supposed merits; with large Adhesiveness, when angry with friends, are very angry; with large Benevolence and Conscientiousness, employ a harsh mode of showing kindness; with large Comparison and Language, heap very severe and galling epithets upon enemies; with large Ideality, polish and refine expression of anger, and put a keen edge upon sarcasm, yet they cut to the very bone, etc. Such should avoid and turn from whatever provokes.

FULL.—Evince a fair degree of this faculty, yet its tone and direction depend upon the larger organs; with large propensities, manifest much animal force; with large moral organs, evince moral determination and indignation; with large intellectual organs, possess intellectual might and energy, and thus of its other combinations; but with small Combativeness, are peaceful until thoroughly roused, but then rather harsh and vindictive; if boys, attack only when sure of victory, yet are then harsh; with smaller Self-Esteem, exercise this faculty more in behalf of others than of self; with large Cautiousness and moderate Combativeness, keep out of danger, broils, etc., till compelled to engage in them, but then become desperate, etc.

AVERAGE.—Are like Full, only less so.

MODERATE.—Evince but little harshness or severity, and shrink from pain; with large Benevolence, are unable to witness suffering or death, much less to cause them; possess but little force of mind, or executiveness of character, to drive through obstacles; with large moral organs added, are

more beloved than feared, manifest extreme sympathy, amounting sometimes even to weakness, and secure ends more by mild than severe measures; with moderate Combativeness and Self-Esteem, are irresolute, unable to stand ground, or take care of self; fly to others for protection; can do little, and feel like trying to do still less; fail to realize or put forth strength; and with large Cautiousness added, see lions where there are none, and make mountains of mole-hills; and with small Hope added, are literally good for nothing; but with large Hope and Firmness, and full Self-Esteem and Combativeness, accomplish considerable, yet in a quiet way, and by perseverance more than force—by siege rather than by storm—and with large intellectual and moral faculties added, are good, though not tame; exert a good influence, and that always healthful, and are mourned more when dead than prized while living. The combinations under this organ large, reversed, apply to it when moderate.

SMALL.—With large moral faculties, possess too tender a soul to enjoy our world as it is, or to endure hardships or bad treatment; can neither endure or cause suffering, anger being so little as to provoke only ridicule, and need hardness and force.

VERY SMALL.—Experience little, and manifest none of this faculty.

TO CULTIVATE.—Destroy anything and everything in your way; killing weeds, blasting rocks, felling trees, using edge tools, tearing up roots, plowing new ground, cultivating new farms, hunting, exercising indignation when wronged, and against public wrongs; espousing the cause of the oppressed; fighting public evils, such as intemperance and the like, all are calculated to cultivate and strengthen this faculty. Still, care should be taken to exercise it under the control of the higher faculties, and then no matter how great that exercise.

TO RESTRAIN.—Kill nothing; and offset destructiveness by benevolence; never indulge a rough, harsh spirit, but cultivate instead a mild and forgiving spirit; never brood over injuries or indulge revengeful thoughts or desires, or aggravate yourself by brooding over wrongs; cultivate good manners; and when occasion requires you to reprove, do it

in a bland, gentle manner rather than roughly; never tease, even children, or scourge animals, but be kind to both, and offset by benevolence and the higher faculties.

8.—ALIMENTIVENESS.

Appetite; the feeding instinct; relish for food; hunger. Adapted to man's need of food, and creating a disposition to eat. Perverted, it produces gormandizing and gluttony, and causes dyspepsia and all its evils.



Fig. 39.—LARGE.



Fig. 40.—SMALL.

VERY LARGE.—Often eat more than is requisite; enjoy food exceedingly well; and hence are liable to clog body and mind by over-eating; should restrain appetite; will feel better by going without an occasional meal, and are liable to dyspepsia. This faculty is liable to take on a diseased action, and crave a much greater amount of food than nature requires and hence is the great cause of dyspepsia. Its diseased action may be known by a craving, hankering, gone sensation before eating; by heart-burn, pain in the stomach, belching of wind, a dull, heavy, or painful sensation in the head, and a desire to be always nibbling at something; lives to eat, instead of eating to live, and should at once be eradicated by omitting one meal daily, and, in its stead, drinking abundantly of water.

LARGE.—Have a hearty relish for food; set high value upon table enjoyments, and solid, hearty food; with Acquisitiveness large, lay up abundance of food for future use—perhaps keep so much on hand that some of it spoils; with Ideality large must have everything clean about the table and have food nicely cooked; with large Language and intellect, enjoy table-talk exceedingly, and participate in it; with large social faculties, must eat with others; can cook well, if practiced in culinary arts; and with larger Approbateness and Ideality than Causality, apt to be ceremonious and over-polite at table, etc. Such should restrain this faculty by eating more slowly, and often less.

FULL.—With a healthy stomach, eat freely what is offered, asking no questions: enjoying it, but not extravagantly; rarely over-eat, except when the stomach is disordered, and then experience that hankering above described, which a rich diet alone can cure. For combinations, see Large.

AVERAGE.—Enjoy food well, and eat with a fair relish; yet rarely over-eat, except when rendered craving by dyspeptic complaints.

MODERATE.—Rather lack appetite; eat with little relish, and hence require to pamper and cultivate appetite by dainties, and enjoying rich flavors; can relish food only when other circumstances are favorable; feel little hunger, and eat to live, instead of living to eat; with Eventuality small, can not remember from one meal to another what was eaten at the last.

SMALL.—Eat “with long teeth,” and little relish; hardly know or care what or when they eat; and should pay more attention to duly feeding the body.

VERY SMALL.—Are almost wholly destitute of appetite.

This faculty is more liable to perversion than any other, and excessive and fast eating occasions more sickness, and depraves the animal passions more than all other causes combined. To feed the body properly is of the utmost importance. Whenever this faculty becomes diseased, the first object should be to restore its natural function by abstinence. Medicines rarely do it.

TO CULTIVATE.—Consider before you provide or order your meals what would relish best, and as far as possible

provide what seems to you will taste good; pamper appetite; eat leisurely, and as if determined to extract from your food all the rich flavors it may contain, and in eating be governed more by flavor than quantity; endeavor to get up an appetite, even when you feel none, by eating somewhat dainty, as if to see if it were not good; do so by food and drinks as wine connoisseurs do in testing viands—that is, taste things with a view of ascertaining their relative flavors; in short, exercise and indulge appetite; also, do as directed in order to cultivate digestion.

TO RESTRAIN.—Eat but seldom—for by keeping away from table this faculty remains comparatively quiet; and when you eat, eat slowly, leisurely, quietly, pleasantly, as if determined to enjoy eating, for this satisfies appetite with much less food than to eat voraciously; mingle pleasant conversation with meals; direct attention more to how good your food is than how much you eat: always leave the table with a good appetite, and stop the moment you have to resort to condiments or desserts to keep up appetite; eat like the epicure, but not like the gourmand—as if you would enjoy a little rather than devour so much; eat sparingly, for the more you eat the more you re-inflame the stomach, and thereby re-increase that hankering you need to restrain.

III.—BIBATIVENESS OR AQUATIVENESS.

(Located in front of Alimentiveness.)

Fondness for liquids; desire to drink; love of water, washing, bathing, swimming, sailing, etc. Adapted to the existence and utility of water. Perversion—drinking in excessive quantities; drunkenness; and unquenchable thirst.

VERY LARGE.—Are excessively fond of water, whether applied internally or externally, and a natural swimmer; and with Individuality and Locality, a natural seaman; with large Adhesiveness, and Approbativeness, and small Self-Esteem and Acquisitiveness, should avoid the social glass, for fear of being overcome by it.

LARGE.—Love to drink freely, and frequently; experience much thirst; enjoy washing, swimming, bathing, etc., exceedingly, and are benefited by the same; with Ideality large, love water prospects.

FULL.—Enjoy water well, but not extravagantly; drink

freely when the stomach is in a fevered state, and is benefited by its judicious external application.

AVERAGE.—Like to drink at times, after working freely or perspiring copiously, yet ordinarily care little about it.

MODERATE.—Partake of little water, except occasionally, and are not particularly benefited by its external application, further than is necessary for cleanliness; dislike shower or plunge-baths, and rather dread than enjoy sailing, swimming, etc., especially when Cautiousness is large.

SMALL.—Care little for liquids in any of their forms, or for any soups, and, with large Cautiousness, dread to be on or near the water; with Alimentiveness large, prefer solid, hard food to puddings or broth, etc.

VERY SMALL.—Have an unqualified aversion to water and all fluids, a constitutional hydrophobic.

9.—ACQUISITIVENESS.

Economy; frugality; the acquiring, saving, and hoarding instinct; laying up a surplus, and allowing nothing to be wasted; desire to possess and own; the mine-and-thine feeling; claiming of one's own things; love of trading and amassing property. Adapted to man's need of laying up the necessaries and comforts of life against a time of future need. Perversion—a miserly, grasping, close-fisted penuriousness.

VERY LARGE.—Hasten to be rich; are too eager after wealth; too industrious; too close in making bargains; too small in dealing; with large Cautiousness, are penny wise, but pound foolish; hold the sixpence too close to the eye to see the dollar farther off, and give entire energies to amassing property; with smaller Secretiveness and large Conscientiousness, are close, yet honest, will have due, yet want no more, and never employ deception; but, with large Secretiveness and but average Conscientiousness, make money anyhow; palm-off inferior articles for good ones, or at least over-praise what is on sale, but run down in buying; and with large Parental Love and Perceptives added, can make a finished horse-jockey; with small Self-Esteem, are small and mean in deal, and stick for the half-cent; with very large Hope, and only full Cautiousness, embark too deeply in busi-

ness, and are liable to fail; with large Adhesiveness and Benevolence, will do for friends more than give to, and circulate the subscription-paper rather than sign it; with large Hope and Secretiveness, and only average Cautiousness, buy more than can be paid for, pay more in promises than in money, should adopt a cash business, and check the manifestations of this faculty by being less penurious and industrious, and more liberal.

LARGE.—Save for future use what is not wanted for present; allow nothing to go to waste; turn everything to a good account; buy closely, and make the most of everything; are



Fig. 41.—LARGE.



Fig. 42.—SMALL.

industrious, economical, and vigorously employ all means to accumulate property, and desire to own and possess much; with large social organs, industriously acquire property for domestic purposes, yet are saving in the family; with very large Adhesiveness and Benevolence, are industrious in acquiring property, yet spend it too freely upon friends; with large Hope added, are too apt to indorse for them; with small Secretiveness, and activity greater than power, are liable to overdo, and take on too much work in order to save so much, as often to incur sickness, and thus lose more than gain; with large Approbativeness and small Secretiveness, boast of wealth, but with large Secretiveness, keep pecuniary affairs secret; with

large Constructiveness, incline to make money by engaging in some mechanical branch of business; with large Cautiousness, are provident; with large Ideality, keep things very nice, and are tormented by whatever mars beauty; with large intellectual organs, love to accumulate books, and whatever facilitates intellectual progress; with large Veneration and Self-Esteem, set great store on antique and rare coins, and specimens, etc.

5 FULL.—Take good care of possessions, and use vigorous exertions to enhance them; value property for itself and its uses; are industrious, yet not grasping; and saving, without being close; with large Benevolence, are too ready to help friends; and with large Hope added, too liable to indorse; and with an active temperament, too industrious to come to want; yet too generous ever to be rich.

AVERAGE.—Love property; yet the other faculties spend quite as fast as this faculty accumulates; with Cautiousness large or very large, love property in order to be safe against future want; with large Approbativeness, desire to keep up appearances; with large Conscientiousness, to pay debts; with large intellectual organs, will pay freely for intellectual attainments; yet the kind of property and objects sought in its acquisition depends upon other and larger faculties.

MODERATE.—Value and make property more for its uses than itself; seek it as a means rather than an end; with Cautiousness large, may evince economy from fear of coming to want, or with other large organs, to secure other ends, yet care little for property on its own account; are rather wasteful; do not excel in bargaining, or like it; have no great natural pecuniary tact, or money-making capability, and are in danger of living quite up to income; with Ideality large, must have nice things, no matter how costly; yet do not take first-rate care of them; disregard small expenses; purchase to consume as much as to keep; prefer to enjoy earnings now to laying them up; with large domestic organs, spend freely for family; with strong Approbativeness and moderate Cautiousness, are extravagant, and contract debts to make a display; with Hope large, run deeply in debt, and spend money before it is earned.

SMALL.—Hold money loosely; spend it often without getting its value; care little how money goes; with Hope very large, enjoy money to-day without saving for to-morrow; and

with large Approbativeness and Ideality added, and only average Causality, are prodigal, and spend money to poor advantage; contract debts without providing for their payment, etc.

VERY SMALL.—Neither heed nor know the value of money; are wasteful; spend all they can get; lack industry, and will always be in want.

The back part of this organ economises and accumulates property; the fore part plans and acquires; the former small, and latter large, encompass sea and land to make a dollar, and then throw it away, which is an American characteristic; and get many things, but allow them to go to waste. Properly to spend money implies a high order of wisdom. Every dollar should be made an instrument of the highest happiness.

TO CULTIVATE.—Try to estimate the value of money intellectually, and save up as a philosophy; economise time and means; cultivate industry; engage in some mercenary business; determine to get rich, and use the means for so doing, and be what you consider even small in expenditures; lay by a given sum at stated times, without thinking to use it except in extreme want; and when enough is laid by, make a first payment on real estate, launch into business, thus compelling yourself both to save the dribblets, and earn what you can in order to save yourself, and do by intellect what you are not disposed to do by intuition.

TO RESTRAIN.—Think less of dollars; study means for enjoying your property; often quit business for recreation; attend more relatively to other life ends, less to mere money-getting; that is, cultivate the other faculties, and be more generous.

10.—SECRETIVENESS.

Self-government; ability to restrain feelings; Policy; Cunning; adapted to man's requisition for controlling his animal nature. Perverted, it causes duplicity, double-dealing, lying, deception, and all kinds of false pretensions.

VERY LARGE.—Are non-committal and cunning in the extreme, and with only average Conscientiousness, deceptive, tricky, foxy, double-dealing, and unworthy to be trusted: with large Acquisitiveness added, will both cheat and lie;

with large Cautiousness, are unfathomable even by acknowledged friends; with very large moral organs, and only average or full propensities, are not dangerous, and have a good moral basis, yet instinctively employ many stratagems calculated to cover up the real motives; and should cultivate openness and sincerity.

✓ LARGE.—Incline to throw a veil over countenance, expression, and conduct; appear to aim at one thing, while accomplishing another; love to surprise others; are enigmatical, mysterious, guarded, politic, shrewd, managing, employ concealment, and are hard to be found out; with Cautiousness large, take extra pains to escape detection; with Conscientious-



Fig. 43.—LARGE.



Fig. 44.—SMALL.

ness also large, will not tell a lie, yet will not always tell the truth; evade the direct question, and are equivocal, and though honest in purpose, yet resort to many little cunning devices; with large intellectual organs and Cautiousness, express ideas so guardedly as to lack distinctness and directness, and hence to be often misunderstood; with large Approbativeness, take many ways to secure notoriety, and hoist some false colors; with large Acquisitiveness, employ too much cunning in pecuniary transactions, and unless checked by still larger Conscientiousness, are not always strictly truthful or honest; with large social organs, form few friendships, and

those only after years of acquaintance, nor evince half the attachment felt; are distant in society, and communicate even with friends only by piecemeal; divulge very few plans or business matter to acquaintances, or even to friends; lack communicativeness, and have little or no fresh-hearted expression of feeling, but leave an impression of uncertainty as to character and intention.

✓ FULL.—Evince much self-government; yet, if the temperament is active, when the feelings do break forth, manifest them with unusual intensity; with large Acquisitiveness and Cautiousness, communicate but little respecting pecuniary affairs; with large Approbativeness, take the popular side of subjects, and sail only with the current of public opinion; with Conscientiousness large, are upright in motive, and tell the truth, but not always the whole truth; and though never hoist false colors, yet do not always show true ones.

AVERAGE.—Maintain a good share of self-government, except when under excitement, and then let the whole mind out, fully; with large Combativeness and an active temperament, though generally able to control resentment, yet, when once provoked, show the full extent of their anger; with large Cautiousness, see that there is no danger before allowing the feelings to burst forth; but with an excitable temperament, and especially a deranged stomach, show a general want of policy and self-government, because the feelings are too strong to be kept in check; but if this faculty is manifested in connection with stronger faculties, it evinces considerable power, yet is wanting when placed in opposition to them.

MODERATE.—Express feelings with considerable fullness; pursue an open, direct course; are sincere and true; employ but little policy, and generally give full vent to thoughts and feelings; with Cautiousness large, evince prudence in deeds, but imprudence in words; express opinions unguardedly, yet are safe and circumspect in conduct; with large Acquisitiveness and Conscientiousness, prefer the one-price system in dealing, and can not bear to banter; with large Adhesiveness, are sincere and open-hearted in friendship, and communicate with perfect freedom; with large Conscientiousness and Combativeness added, are truthful, and speak the whole mind too bluntly; with fine feelings, and a good moral organization,

manifest the higher, finer feelings, without restraint or reserve, so as to be the more attractive; are full of goodness without any intervening veil; manifest in looks and actions what is passing within; express all mental operations with fullness, freedom, and force; choose direct and unequivocal modes of expression; disclose faults as freely as virtues, and leave none at a loss as to the real character; but with the harsher elements predominant, appear more hating and hateful than they really are, because all is blown right out.

SMALL.—Are perfectly transparent; seem to be just what, and all they really are; disdain concealment in all forms; are not hypocritical, but positive and unequivocal in all said and done; carry the soul in the hands and face, and make way directly to the feelings of others, because expressing them so unequivocally; with large Cautiousness, are guarded in action, but unguarded in expression; free the mind regardless of consequences, yet show much prudence in other respects; with Conscientiousness large, love the truth wherever it exists, and open the mind freely to evidence and conviction; are open and above-board in everything, and allow all the mental operations to come right out, unveiled and unrestrained, so that their full force is seen and felt.

VERY SMALL.—Conceal nothing, but disclose everything.

TO CULTIVATE.—Supply by intellect that guardedness and policy lacked by instinct, for you are too spontaneous; try to “lie low, and keep dark,” and suppress your natural outgoings of feeling and intellect, cultivate self-control, by subjecting all you say and do to judgment, instead of allowing momentary impulses to rule conduct; do not tell all you know, or intend to do, and occasionally pursue a round-about course; be guarded, politic, and wary in everything; do not make acquaintances or confide in people as much as is natural, but treat everybody as if they needed watching.

TO RESTRAIN.—Cultivate a direct, straightforward, above-board, and open way, and pursue a course just the opposite from the one suggested for its cultivation.

IV.—SELFISH SENTIMENTS,

consisting of Cautiousness, Approbativeness, Self-Esteem, Firmness. These give prudence, ambition, dignity, and stability.

11.—CAUTIOUSNESS.

Carefulness; watchfulness; prudence; provision against want and danger; solicitude; anxiety; apprehension; security; protection; avoiding prospective evils, the sentinel. Adapted to ward-off surrounding dangers, and make those provisions necessary for future happiness. Perversion—irresolution; timidity; procrastination; indecision; fright; panic.

VERY LARGE.—Are over-anxious; always on the lookout; worried about trifles; afraid of shadows; forever getting ready, because so many provisions to make; are careful in business; often revise decisions, because afraid to trust the issue; live in perpetual fear of evils and accidents; take



Fig. 45.—LARGE.



Fig. 46.—SMALL.

extra pains with everything; lack promptness and decision, and refuse to run risks; put off till to-morrow what ought to be done to-day; with excitability 7, live in a constant panic; procrastinate; are easily frightened; see mountains of evil where there are only mole-hills; are often unnerved by fright, and overcome by false alarms; with only average or full Combativeness, Self-Esteem, and Hope, and large Approbativeness, accomplish literally nothing, but should always act under others; with large Acquisitiveness, prefer small but sure gains to large but more risky ones, and safe investments to active business.

LARGE.—Are always on the look-out; take ample time to get ready; provide against prospective dangers; make everything safe; guard against losses and evils; incur no risks; sure bind that they may sure find: with large Combativeness, Hope, and an active temperament, drive, Jehu-like, whatever is undertaken, yet drive cautiously; lay on the lash, yet hold a tight rein, so as not to upset plans; with large Approbativeness, are doubly cautious as to character: with large Approbativeness and small Acquisitiveness, are extra careful of character, but not of money; with large Acquisitiveness and small Approbativeness, take special care of all money matters, but not of reputation; with large Adhesiveness and Benevolence, experience the greatest solicitude for the welfare of friends; with large Conscientiousness, are careful to do nothing wrong; with large Causality, lay safe plans, and are judicious; with large Combativeness and Hope, combine judgment with energy and enterprise, and often seem reckless, yet are prudent; with large intellectual organs and Firmness, are cautious in coming to conclusions, and canvass well all sides of all questions, yet, once settled, are unmoved; with small Self-Esteem, rely too much on the judgment of others, and too little on self; with large Parental Love and disordered nerves, experience unnecessary solicitude for children, and take extra care of them, often killing them with kindness, etc.

A FULL.—Show a good share of prudence and carefulness, except when the other faculties are powerfully excited; with large Combativeness and very large Hope, have too little prudence for energy; are tolerably safe, except when under considerable excitement; with large Acquisitiveness, are very careful whenever money or property are concerned; yet, with only average Causality, evince but little general prudence, and lay plans for the present rather than future, etc.

AVERAGE.—Have a good share of prudence, whenever this faculty works in connection with the larger organs, yet evince but little in the direction of the smaller; with large Combativeness and Hope, and an excitable temperament, are practically imprudent, yet somewhat less so than appearances indicate; with large Causality, and only average Hope and Combativeness, and a temperament more strong than excitable, evince good general judgment, and meet with but few

accidents; but with an excitable temperament, large Combativeness and Hope, and only average or full Causality, are always in hot water, fail to mature plans, begin before ready, and are luckless and unfortunate in everything, etc.

MODERATE.—With excitability great, act upon the spur of the moment, without due deliberation; meet with many accidents caused by imprudence; with large Combativeness, are often at variance with neighbors; with large Approbateness, seek praise, yet often incur criticism; with average Causality and large Hope, are always doing imprudent things, and require a guardian; with small Acquisitiveness, keep money loosely, and are easily over-persuaded to buy more than can be paid for; with large Parental Love, play with children, yet often hurt them; with large Language and small Secretiveness, say many very imprudent things, etc.; and with large Combativeness, have many enemies, etc.

SMALL.—Are rash, reckless, luckless; and with large Hope, always in trouble; with large Combativeness, plunge headlong into difficulties in full sight, and should assiduously cultivate this faculty.

VERY SMALL.—Have so little of this faculty, that its influence on conduct is rarely ever perceived.

TO CULTIVATE.—Count the advantages against, but not for; look out for breakers; think how much indiscretion and carelessness have injured you, and be careful and watchful in everything. Imprudence is your fault—be judicious; and remember that danger is always much greater than you anticipate—so keep aloof from every appearance of it.

TO RESTRAIN.—Offset its workings by intellect; remember that you perpetually magnify dangers; let intellect tell Cautiousness to keep quiet; offset it by cultivating a bold, combative, daring spirit; encourage a don't-care feeling, and a let-things-take-their-course—why-should-I-worry-about-them; do not indulge in so much anxiety when children or friends do not return as expected; never allow a frightened, panic-stricken state of mind, but face apprehended evils, instead of quailing before them; and remember that you magnify every appearance of evil.

12.—APPROBATIVENESS.

Regard for character, appearances, etc.; love of praise; desire to excel and be esteemed; ambition; affability; politeness; desire to display and show off; sense of honor; desire for a good name, for notoriety, fame, eminence, distinction, and to be thought well of; pride of character; sensitiveness to the speeches of people; and love of popularity. Adapted to the reputable and disgraceful. Perversion—vanity; affectation; ceremoniousness: aristocracy; pomposity; eagerness for popularity, outside display, etc.

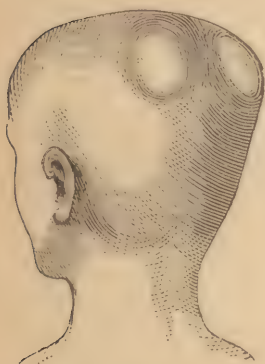


Fig. 47.—Approbateness large and Self-Esteem moderate.



Fig. 48.—Self-Esteem large and Approbateness moderate.

VERY LARGE.—Set everything by the good opinion of others; are ostentatious, if not vain and ambitious; love praise, and are mortified by censure inordinately; with moderate Self-Esteem and Firmness, can not breast public opinion, but are over-fond of popularity; with only average Conscientiousness, seek popularity without regard to merit; but with large Conscientiousness, seek praise mainly for virtuous doings; with large Ideality, and only average Causality, seek praise for fashionable dress and outside appearances rather

than internal merit; are both vain and fashionable as well as aristocratic; starve the kitchen to stuff the parlor; with large Acquisitiveness, boast of riches; with large Adhesiveness, of friends; with large Language, are extra forward in conversation, and engross much of the time, etc. This is the main organ of aristocracy, exclusiveness, fashionableness, so-called pride, and nonsensical outside show.

LARGE.—Love commendation, and are cut by censure; are keenly alive to the smiles and frowns of public opinion; mind what people say; strive to show off to advantage, and are affable, courteous, and desirous of pleasing; love to be in company; stand on etiquette and ceremony; aspire to do and become something great: set much by appearances, and are mortified by reproach; with large Cautiousness and moderate Self-Esteem, are careful to take the popular side, and fear to face ridicule of others; yet, with Conscientiousness and Combativeness large, stick to the right, though unpopular, knowing that it will ultimately confer honor; with large Benevolence, seek praise for works of philanthropy and mercy; with large intellectual organs, love literary and intellectual distinctions; with large Adhesiveness, desire the good opinion of friends, yet care little for that of others; with large Self-Esteem, Combativeness large, stick to the right, though unpopular, knowing, seek public life, want all the praise, and hate rivals; with large perceptive, take a forward part in literary and debating societies; with large Combativeness, Hope, and activity, will not be outdone, but rather work till completely exhausted, and are liable to over-do, in order to eclipse rivals.

FULL.—Value the estimation of others, yet will not go far after it; seek praise in the direction of the larger organs, yet care little for it in that of the smaller; are not aristocratic, yet like to make a fair show in the world; with large Adhesiveness, love the praise and can not endure the censure of friends; with large Conscientiousness, set much by moral character, and wish to be praised for correct motives; yet, with moderate Acquisitiveness, care little for the name of being rich; with large Benevolence and intellectual organs desire to be esteemed for evincing talent in doing good.

AVERAGE.—Show only a respectable share of this faculty, except when it is powerfully wrought upon by praise or re-

proach; are mortified by censure, yet not extremely so, and call the other faculties to justify; are not particularly ambitious, yet by no means deficient; and not insensible to compliments, yet can not well be inflated by praise.

MODERATE.—Feel some, but no great, regard for popularity; and evince this faculty only in connection with the larger organs; with large Self-Esteem and firmness, are inflexible and austere; and with large Combativeness and small Agreeableness, lack civility and complaisance to others; disdain to flatter and can not be flattered, and should cultivate a pleasing mode of address.

SMALL.—Care little for the opinions of others, even of friends; are comparatively insensible to praise; disregard style and fashion; despise etiquette and formal usages; never ask what will persons think, and put on no outside appearances for their own sake; with large Self-Esteem, firmness, and Combativeness, are destitute of politeness, devoid of ceremony, and not at all flexible or pleasing in manners; with large Combativeness and Conscientiousness, go for the right, regardless of popularity, and are always making enemies; say and do things in so graceless a manner as often to displease; with large Acquisitiveness and Self-Esteem, though wealthy, make no boast of it, and are as commonplace in conduct as if poor, etc.

VERY SMALL.—Care almost nothing for reputation, praise, or censure.

TO CULTIVATE.—Remember that you often stand in your own light by caring little for the speeches of people, for appearance and character; and cherish a higher regard for public opinion, for your character and standing among men, for a good name, and do nothing in the least to tarnish your reputation, but cultivate a winning, politic, pleasant manner toward all, as if you would ingratiate yourself into their goodwill.

TO RESTRAIN.—Remember that you are infinitely too sensitive to reproof; that your feelings are often hurt when there is no occasion; that you often feel neglected or reproved without cause; that evil-speaking breaks no bones, and will ultimately thwart itself; lay aside that affected, artificial, nippy style of manner and speaking; be more natural; walk, act,

feel as if alone, not forever looked at; be less particular about dress, style, appearance, etc., and less mindful of praise and blame; subject Approbativeness to conscience—that is, do what is right, and let people say what they like; be more independent, and less ambitious and sensitive to praise and flattery.

13.—SELF-ESTEEM.

Self-appreciation and valuation; self-respect, self-reliance; magnanimity; nobleness; independence; dignity; self-satisfaction and complacency; love of liberty and power; an aspir-



Fig. 49.—LARGE.



Fig. 50.—SMALL.

ing, self-elevating, ruling instinct; pride of character; manliness; lofty-mindedness, and desire for elevation. Adapted to the superiority, greatness, and exalted dignity of human nature. Perversion—egotism; hauteur; forwardness; tyranny; superciliousness; imperiousness.

VERY LARGE.—Have the highest respect for self; place special stress on the personal pronouns; carry a high head, and walk so straight as to lean backward; have a restless, boundless ambition to be and do some great thing; with only full intellect, have more ambition than talents, and are proud, pompous, supercilious, and imperious, and with hope large,

must operate on a great scale or none, and launch out too deeply; with Approbativeness large, are most aristocratic; and with only fair intellect, are a swell-head and great brag, and put self above everybody else; with only average Approbativeness and Agreeableness, take no pains to smooth off the rough points of character, but are in every way repulsive; with average Parental Love, are very domineering in the family, and insist upon being waited upon, obeyed, etc.; and should carry the head a little lower, and cultivate humility.

LARGE.—Put a high estimate upon self—sayings, doings, capabilities; fall back upon their own unaided resources; will not take advice, but insist upon being his own master; are high-minded; will never stoop, or demean self; aim high; are not satisfied with moderate success, or a petty business, and comport and express with dignity, and perhaps with majesty; are perfectly self-satisfied; with large Parental Love, pride self in children, yet with Combaticiveness large, require implicit obedience, and are liable to be stern; with large Adhesiveness, seek society, yet must lead; with large Acquisitiveness added, seek partnership, but must be the head of the firm; with large Firmness and Combaticiveness, can not be driven, but insist upon doing their own personal will and pleasure, and are sometimes contrary and headstrong; with large Hope, think that anything they do can not possibly fail, because done so well; with large moral organs, impart a tone, dignity, aspiration, and elevation of character which command universal respect; and with large intellectual faculties added, are desirous of, and well calculated for public life; are a natural leader, but seek moral distinction, and lead the public mind; with large Combaticiveness, Destructiveness, Firmness, and Approbativeness, love to be captain or general, and speak with that sternness and authority which enforces obedience; with large acquisitiveness, aspire to be rich—the richest man in town—partly on account of the power wealth confers; with large Language, Individuality, Firmness, and Combaticiveness, seek to be a political leader; with large Constructiveness, perceptives, Causality, and Combaticiveness, are well calculated to have the direction of men, and oversee large mechanical establishments; with only average brain and intellect, and large selfish faculties, are proud, haughty, domineering, egotistical, overbearing, greedy of power and dominion, etc.

FULL.—Evince a good degree of dignity and self-respect; yet are not proud or haughty; with large Combativeness and Firmness, and Hope, rely fully upon their own energies in cases of emergency, yet are willing to hear advice, though seldom take it; conduct becomingly, and secure respect; and with large Combativeness and Firmness, and full Destructiveness and Hope, evince much power of this faculty, but little when these faculties are moderate.

AVERAGE.—Show this faculty mainly in combination with those that are larger; with large Approbativeness and Firmness, and a large brain and moral organs, rarely trifle or evince meanness, yet are rarely conceited, and think neither too little nor too much of self, but place a just estimate upon their own capabilities; with large Adhesiveness both receive and impart character to friends, yet receive most; with large Conscientiousness, pride self more on moral worth than physical qualities, wealth, titles, etc.; and with large intellectual and moral organs, mainly for intellectual and moral excellence.

MODERATE.—Rather underrate personal capabilities and worth; feel rather inferior, unworthy, and humble; lack dignity and manliness, and are apt to say and do trifling things, and let self down; with large intellectual and moral organs, lead off well when once placed in a responsible position, yet at first distrust their own capabilities; with large Conscientiousness, Combativeness, and activity, often appear self-sufficient and positive because certain of being right, yet it is founded more on reason than egotism; with large Approbativeness, love to show off, yet are not satisfied with self; go abroad after praises, rather than feel internally conscious of personal merits; are apt to boast, because more desirous of the estimation of others than conscious of personal worth; with large moral and intellectual powers, have exalted thoughts and aspirations, and communicate well, yet often detract from them by commonplace phrases and undignified expressions; will be too familiar to be respected in proportion to merit, and should vigorously cultivate this faculty by banishing mean, and cultivating high, thoughts of self.

SMALL.—Feel diminutive; lack elevation and dignity of tone and manner; place too low estimate on self, and, with Approbativeness large, are too anxious to appear well in the

eyes of others; with large Combativeness and Destructiveness, show some self-reliance when provoked or placed in responsible positions, yet lack that dignity and tone which commands universal respect, and give cabability to lead off in society; lack self-confidence and weight of character; shrink from responsible and great undertakings, from a feeling of unworthiness; underrate self, and are therefore undervalued by others, and feel insignificant, as if in the way, or trespassing upon others, and hence often apologize, and should cultivate this faculty.

VERY SMALL.—Feel little, and manifest none of this faculty.

TO CULTIVATE.—Say of yourself what Black Hawk said to Jackson: "I am a man." Be endowed with the ennobling elements of humanity; try to realize how exalted those human endowments have been conferred on you, and hence duly to estimate yourself, physically, intellectually, morally; recount your good traits, and cultivate self-valuation in view of them; pride yourself on what you are, but never indulge self-abasement because not dressed, because not as rich or stylish as others; be less humble toward men, but hold up your head among them, as if good enough for any; assume the attitude of self-esteem—study its phrenological definition, and cultivate the self-esteem feeling.

TO RESTRAIN.—Bear in mind that you probably esteem yourself much better than you really are; that you overrate all your powers, and are too forward and self-confident; that more modesty would improve you; that you incline too much to be arbitrary and domineering; that you are more faulty than you suppose, and need humility.

14.—FIRMNESS.

Stability; decision; perseverance; fixedness of purpose; tenacity of will, and aversion to change. Adapted to man's requisition for holding out to the end. Perversion—obstinacy; wilfulness; mulishness; stubbornness; unwillingness to change even when reason requires.

VERY LARGE.—Are well-nigh obstinate, stubborn; and with large Combativeness and Self-Esteem, as unchangeable as the laws of the Medes and Persians, and can neither be

persuaded nor driven; with large activity, power, brain, and intellectual organs, are well calculated to carry forward some great work which requires the utmost determination and energy; with large Causality, can possibly be turned by potent reasons, yet by nothing else.

✓ **LARGE.**—Are set and wilful; stick to and carry out what is commenced; hold on long and hard; continue to the end, and may be fully relied upon: with full Self-Esteem and large Combativeness, can not be driven, but the more forced the more resistant; with large Combativeness and Destructiveness, add perseverance to stability, and not only

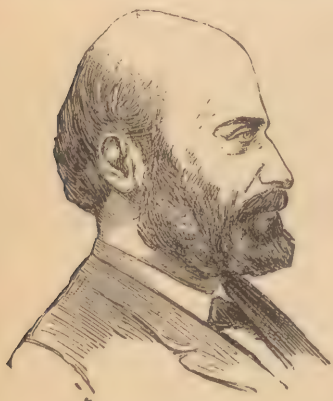


Fig. 51.—**LARGE.**



Fig. 52.—**SMALL.**

hold on, but drive forward determinedly through difficulties; with large Hope, undertake much, and carry all out; with large Cautiousness and Causality, are careful and judicious in laying plans and forming opinions, yet rarely change; may seem to waver until the mind is fully made up, but are, afterwards, the more unchanging; with Hope very large, and Cautiousness and Causality only average, decide quickly, even rashly, and refuse to change; with Adhesiveness and Benevolence large, are easily persuaded, especially by friends, yet can not be driven; and with large Cautiousness, Combativeness, Causality, perceptive, activity and power, will generally succeed, because wise in planning and persevering in execution; with Combativeness and Self-Esteem large, and Causal-

ity only average, will not see the force of opposing arguments, but tenaciously adhere to affirmed opinions and purposes; with large Conscientiousness and Combaticiveness, are doubly decided wherever right or justice is concerned, and in such cases will never give one inch, but will stand out in argument, effort, or as a juryman till the last.

FULL.—With Firmness large, show a great degree of decision when this faculty works with large organs, but not otherwise; with Combaticiveness and Conscientiousness large, show great fixedness where right and truth are concerned, yet with Acquisitiveness moderate, lack perseverance in money matters; with moderate Combaticiveness and Self-Esteem, are easily turned; and with large Adhesiveness and Benevolence, too easily persuaded even against their better judgment; with Cautiousness and Approbativeness large, or very large, often evince fickleness, irresolution, and procrastination; and with an uneven head, and an excitable temperament, often appear deficient in this faculty.

AVERAGE.—When supported by large Combaticiveness or Conscientiousness, or Causality, or Acquisitiveness, etc., show a good degree of this faculty; but when opposed by large Cautiousness, Approbativeness, or Adhesiveness, evince its deficiency, and have not enough for great undertakings.

MODERATE.—Rather lack perseverance, even when the stronger faculties support it; but, when they do not, evince fickleness, irresolution, indecision, and lack perseverance; with Adhesiveness large, are too easily persuaded and influenced by friends; with large Cautiousness and Approbativeness, and moderate or small Self-Esteem, are flexible and fickle, and go with the current.

SMALL.—With activity great, and the head uneven, are fitful, impulsive, and, like the weather-vane, shift with every changing breeze, and are ruled by the other faculties, and as unstable as water.

VERY SMALL.—Are changed by the slightest motives, and a perfect creature of circumstances, and accomplishes nothing requiring perseverance.

TO CULTIVATE.—Have more a mind of your own; make up your mind wisely, and then stand to your purpose; be sure you are right, then hold on; surmount difficulties, instead of

turning aside to avoid them : resist the persuasions of others ; begin nothing not worthy of finishing, and finish all you begin.

TO RESTRAIN.—Remember that you are too obstinate and persistent—often to your own loss ; at least listen to the advice of others, and duly consider it, and govern Firmness by Intellect and Conscience, not allowing it to govern them.

V.—MORAL AND RELIGIOUS SENTIMENTS,

consisting of Conscientiousness, Hope, Spirituality, Veneration, Benevolence. These render man a moral, accountable being—humanize, adorn, and elevate his nature : connect him with the moral nature of things ; create his higher and nobler faculties ; beget aspirations after goodness, virtue, purity and moral principle, and ally him to angels and to God.

TO CULTIVATE.—Yield implicit obedience to the higher, better sentiments of your nature ; cultivate a respect for religion ; lead a moral, spotless life ; cultivate all the human virtues ; especially study and contemplate nature, and yield yourself to those elevating influences enkindled thereby ; cultivate adoration and love of the Deity in His works ; study natural religion, and make your life as pure, right, true, and good as possible.

TO RESTRAIN.—To avoid becoming morbid in the action of the moral sentiments, and to obviate it when it exists, subject Benevolence or generosity, justice or conscientious scruples, Veneration or devotion, Spirituality or faith, to the guidance of intellect ; and be more selfish, or at least less self-sacrificing—think more of material things.

15.—CONSCIENTIOUSNESS.

Moral principle ; integrity : perception and love of right ; innate sense of accountability and obligation ; love of justice and truth ; regard for duty ; desire for moral purity and excellence : disposition to fulfill promises : agreements, etc. ; that internal monitor which approves the right and condemns the wrong ; sense of guilt ; penitence ; contrition ;

desire to reform. Adapted to the rightness of right, and the wrongness of wrong, and to the moral nature and constitution of things. Perverted, it makes one do wrong from conscientious scruples, and torments with undue self-condemnation.

VERY LARGE.—Place moral excellence at the head of all excellence; make duty everything; are governed by the highest order of moral principle; would on no account knowingly do wrong; are scrupulously exact in all matters of right; perfectly honest in motive; always condemning self and repenting, and very forgiving to those who evince peni-



Fig. 53.—LARGE.



Fig. 54.—SMALL.

tence, but inexorable without; with **Combativeness** large, evince the utmost indignation at the wrong, and drive the right with great force, are censorious, make but little allowance for the faults and follies of mankind, and show extraordinary moral courage and fortitude; with small **Secretiveness** and an active temperament, are liable to denounce evil-doers; with large **Friendship**, can not tolerate the least thing wrong in friends, and are liable to reprove them; with large **Parental Love**, exact too much from children, and with large **Combativeness**, are too liable to blame them; with large **Cautiousness**, are often afraid to do, for fear of doing wrong; with large **Veneration**, reasoning faculties, and **Language**,

are natural theologians, and take the highest pleasure in reasoning and conversing upon all things having a moral and religious bearing; with Veneration average, and Benevolence large or very large, can not well help being thorough-going reformers, &c.

LARGE.—Love the right as right, and hate the wrong because wrong; are honest, faithful, upright in motive; mean well; consult duty before expediency; feel guilty when conscious of having done wrong; ask forgiveness for the past, and try to do better in the future; with strong propensities, will sometimes do wrong, but be exceedingly sorry therefor; and, with a wrong education added, are liable to do wrong, thinking it right, because these propensities warp conscience, yet mean well; with large Cautiousness, are solicitous to know what is right, and careful to do it; with weaker Cautiousness, sometimes do wrong carelessly or indifferently, yet afterwards repent it; with large Cautiousness and Destructiveness, are severe on wrong-doers, and unrelenting until they evince penitence, and then cordially forgive; with large Approbateness, keep the moral character pure and spotless—value others on their morals more than wealth, birth, &c., and make their word their bond; with large Benevolence, Combateness, and Destructiveness, feel great indignation and severity against oppressors, and those who cause others to suffer by wronging them; with large Ideality, have strong aspirations after moral purity and excellence; with large reasoning organs, take great pleasure, and show much talent in reasoning upon and investigating moral subjects, &c.

AFULL.—Have good conscientious feelings, and correct general intentions, yet are not quite as correct in action as intentions; mean well, yet with large Combateness, Destructiveness, Amativeness, &c., may sometimes yield to these faculties, especially if the system is somewhat inflamed; with large Acquisitiveness, make very close bargains, and will take such advantages as are common in business, yet do not intend to wrong others out of their just dues, still have more regard for money than justice; with large intellectual organs, love to reason upon subjects where right and duty are involved, yet too often take the ground of expediency, and fail to allow right its due weight; and should never allow conscience to be in any way weakened, but cultivate it assiduously.

AVERAGE.—When not tempted by stronger faculties, do about right; generally justify self, and do not feel particularly indignant at the wrong; or commendatory of the right; with large Approbativeness and Self-Esteem, may do the honorable thing, yet where honor and right clash, will choose the former; with only average Combativeness and Destructiveness, allow many wrong things to pass unrebuked, or even unresented, and show no great moral indignation or force; with moderate or small Secretiveness and Acquisitiveness, and large Approbativeness, Benevolence, and Ideality, will do as nearly right, and commit as few errors as those with Secretiveness, Acquisitiveness, and Conscientiousness all large, and may be trusted, especially on honor, yet will rarely feel guilty, and should never be blamed, because Approbativeness will be mortified before conscience is convicted; with large propensities, especially Secretiveness and Acquisitiveness, and only full Benevolence, are selfish; should be dealt with cautiously, and thoroughly bound in writing, because liable to be slippery, tricky, etc.; and should cultivate this faculty by never allowing the propensities to overcome it, and by always considering things in the moral aspect.

MODERATE.—Have some regard for duty in feeling, but less in practice; justify self; are not very penitent or forgiving; even temporize with principle, and sometimes let interest rule duty.

SMALL.—Have few conscientious scruples, and little penitence, gratitude, or regard for moral principle, justice, duty, etc., and are governed mainly by the larger faculties; with large propensities, and only average Veneration and Spirituality, evince a marked deficiency of moral principle; with moderate Secretiveness and Acquisitiveness, and only full Destructiveness and Combativeness, and Large Adhesiveness, Approbativeness, Benevolence, Ideality, and Intellect, and a fine temperament, may live a tolerably blameless life, yet, on close scrutiny, will lack the moral feeling, but may be safely trusted, because true to promises; that is, conscience having less to contend with, its deficiency is less observable. Such should most earnestly cultivate this faculty.

VERY SMALL.—Are almost wholly destitute of moral feeling, and wholly controlled by the other faculties.

TO CULTIVATE.—Always ask yourself what is right and wrong, and adhere closely to the former, and studiously avoid the latter; make everything a matter of principle; do just as nearly right as you know how in everything, and never allow conscience to be borne down by any of the other faculties, but keep it supreme; maintain the right everywhere and for everybody; cultivate a high sense of duty and obligation, and try to reform every error—in short, “let justice be done, though the heavens fall.”

TO RESTRAIN.—Remember that you are too exact and exacting in everything; that you often think you see faults when there are none; that you carry duty and right to a boundless extreme, and so far as to make it wrong; that you are too condemnatory, and need to cultivate a lenient, forbearing, forgiving spirit; that you trouble yourself unduly about the wrong-doing of others; that you often accuse people of meaning worse than they really intend—look at minor faults as mountains of wrong; are too censorious; too apt to throw away the gold on account of dross; to discard the greater good on account of lesser attendant evils; too liable to a feeling of guilt and unworthiness, as if unfit to live, and too conscience-stricken. Extreme Conscientiousness, with 6 or 7 organic quality, and large Combativeness, along with disordered nerves or dyspepsia, makes one of the most unpleasant of characters—querulous, everlastingly grumbling about nothing, magnifying everybody's faults, thus making mischief among neighbors; perpetually accusing everybody, and chiding children for mere trifles; too rapid in matters of reform, and violent in denouncing its opponents—of whom rabid radicals, punctilious religionists, and old maids furnish examples.

16.—HOPE.

Expectation; anticipation of future success and happiness. Adapted to man's relations with the future. Perverted, it becomes visionary and castle-building.

VERY LARGE.—Have unbounded expectations; build a world of castles in the air; live in the future; enjoy things in anticipation more than possession; with small Continuity, have too many irons in the fire; with an active temperament added, take on more business than can be worked-off properly;

are too much hurried to do things in season; with large Acquisitiveness, are grasping, counting chickens before they are hatched, and often two to the egg at that; with only average Cautiousness are always in hot water; never stop to enjoy what is possessed, but grasp after more, and will never accomplish much, because undertake too much, and in taking one step forward, often slip two steps back.

LARGE.—Expect much from the future; contemplate with pleasure the bright features of life's picture; never despond; overrate prospective good, and underrate and overlook obstacles and evils; calculate on more than the nature of the case will warrant; expect, and hence attempt, a great deal,



Fig. 55.—LARGE.



Fig. 56.—SMALL.

and are therefore always full of business; are sanguine, and rise above present trouble by hoping for better things in future, and though disappointed, hope on still; build some air-castles, and live in the future more than present; with large Combativeness, Firmness, and Causality, are enterprising, never give up the ship, but struggle manfully through difficulties; and with large Approbativeness, and full Self-Esteem added, feel adequate to difficulties, and grapple with them spiritedly; with large Self-Esteem, think that everything attempted must succeed, and with large Causality added, consider their plans well-nigh perfect; with large Acquisitiveness, lay out money freely in view of future gain; with large

Approbativeness and Self-Esteem, hope for renown, honor, etc.; with large Veneration and Spirituality, hope to attain exalted moral excellence, and should check it by acting on only half its promises, and reasoning against it.

V FULL.—Expect considerable, yet realize more; undertake no more than can be accomplished; are quite sanguine and enterprising, yet with Cautiousness large are always on the safe side; with large Acquisitiveness added, invest money freely, yet always safely; make good bargains, if any, and count all the cost, yet are not afraid of expenses where they will more than pay; with larger animal organs than moral, will hope more for this world's goods than for another, and with larger moral than animal, for another state of being than this, etc.

AVERAGE.—Expect and attempt too little, rather than too much; with large Cautiousness, dwell more on difficulties than encouragements; are contented with the present rather than lay out for the future; with large Acquisitiveness added, invest money very safely, if at all, and prefer to put it out securely on interest rather than risk it in business, except in a perfectly sure business; will make money slowly, yet lose little; and with large intellectual organs, in the long run may acquire considerable wealth.

MODERATE.—With large Cautiousness, make few promises; but with large Conscientiousness, scrupulously fulfill them, because promise only what can be performed; with small Self-Esteem, and large Veneration, Conscientiousness, and Cautiousness, if a professed Christian, will have many fears as to his future salvation; with only average propensities, will lack energy, enterprise, and fortitude; with large Firmness and Cautiousness, are very slow to embark, yet once committed, rarely give up; with large reasoning faculties, may be sure of success because see why and how it is to be brought about; with large Acquisitiveness, will hold on to whatever money is once acquired, or at least spend very cautiously, and only where sure to be returned with interest; should cheer up, never despond, count favorable, but not unfavorable chances, keep up a lively, buoyant state of mind, and “hope on, hope ever.”

SMALL.—Expect and undertake very little; with large Cautiousness, put off till it is too late; are always behind; may embark in projects after everybody else has succeeded, but will then be too late, and in general knock at the door just after it

has been bolted : with large Cautiousness, are forever in doubt ; with large Approbativeness and Cautiousness, though most desirous of praise, have little hope of obtaining it, and therefore exceedingly backward in society, yet fear ridicule rather than hope for praise : are easily discouraged : see lions in the way ; lack enterprise ; magnify obstacles, etc.

VERY SMALL.—Expect next to nothing, and undertake less.

TO CULTIVATE.—Look altogether on the bright side, the dark none ; calculate all the chances for, none against you ; mingle in young and lively society ; banish care, and cultivate juvenility ; cheer up ; venture more in business ; cultivate trust in the future, and “look aloft !”

TO RESTRAIN.—Offset excessive expectation by intellect : say to yourself, “My hope so far exceeds realities that I shall not get half I expect,” and calculate accordingly ; do business on the cash principle, in buying and selling, otherwise you are in danger of being swamped—of buying more than you can pay for, and indorsing too much : build no castles in the air ; indulge no revelings of hope ; shoulder only half the load you feel confident you can carry, and balance your visionary anticipations by cool judgment.

17.—SPIRITUALITY.

Faith ; prescience : the “light within ;” trust in prophetic guidings ; perception and feeling of the spiritual ; interior perception of truth, what is best, what is about to transpire, etc. Adapted to man’s prophetic gift and a future life. Perversion—superstition ; witchcraft ; and with Cautiousness large, fear of ghosts.

VERY LARGE.—Are led and governed by a species of prophetic guidance ; feel by intuition what is right and best ; are forewarned of danger, and led by spiritual monition into the right way ; feel internally what is true and false, right and wrong, best and not best ; unless well regulated, are too credulous, superstitious, and a believer in dreams, ghosts, and wonders, and liable to be misled by them and so-called prophecies, as well as to become fanatical on religion.

LARGE.—Perceive and know things independent of the

senses or intellect, or, as it were, by prophetic intuition; experience an internal consciousness of what is best, and that spiritual communion which constitutes the essence of piety; love to meditate; experience a species of waking clairvoyance, as it were "forewarned;" combined with large Veneration, hold intimate communion with the Deity, who is profoundly adored; and take a world of pleasure in that calm, happy, half-ecstatic state of mind caused by this faculty; with large Causality, perceive truth by intuition, which philosophical tests prove correct; with large Comparison added, have a deep and clear insight into spiritual subjects, and embody a vast amount of the



Fig. 57.—LARGE.



Fig. 58.—SMALL.

highest order of truth; and clearly perceive and fully realize a spiritual state of being after death.

✓ **FULL.**—Have a full share of high, pure, and spiritual feeling; many premonitions or interior warnings and guidings, which, implicitly followed, conduct to success and happiness through life; have an inner test or touchstone of truth, right, etc., in a kind of interior consciousness, which is independent of reason, yet, unperverted, in harmony with it: are quite spiritual-minded, and, as it were, "led by the Spirit."

AVERAGE.—Have some spiritual premonitions and guidings, yet they are not always sufficiently distinct to secure being followed; but, when followed, they lead correctly; see the

light within, and feel what is true and best with tolerable distinctness, and should cultivate this faculty by following its light.

MODERATE.—Have some but not very distinct perception of spiritual things; rather lack faith; believe mainly from evidence, and little from intuition; with large Causality, say “prove it,” and take no man’s say unless he gives good reasons.

SMALL.—Perceive spiritual truths so indistinctly as rarely to admit them: are not guided by faith, because so weak; like disbelieving Thomas, must see the fullest proof before believing; have very little credulity, and doubt things of superhuman origin or nature; have no premonitions, and disbelieve in them.

VERY SMALL.—Have no spiritual guidings or superstitions.

TO CULTIVATE.—Muse and meditate on divine things—the Deity, a future existence, the state of man after death, immortality, and that class of subjects; and, especially, follow your innermost impressions or presentiments in everything, as well as open your mind to the intuitive reception of truth.

TO RESTRAIN.—Cultivate the terrestrial more and celestial less; abstain from and restrain spiritual musings and contemplations, and confine yourself more to the practical, tangible, and real; keep away from fanatical meetings and confine yourself more to life as it is—to what and where you are, instead of are to be—to earth, its duties and pleasures.

18.—VENERATION.

Devotion; adoration of a Supreme Being; reverence for religion and things sacred; disposition to pray, worship, and observe religious rites. Adapted to the existence of a God, and the pleasures and benefits experienced by man in worshipping him. Perverted, it produces idolatry, superstitious reverence for authority, bigotry, religious intolerance, etc.

VERY LARGE.—Experience the highest degree of Divine love and worship; place God as supreme upon the throne of the soul, and make his worship a central duty; manifest extreme

fervor, anxiety, and delight in divine worship, and are pre-em-
inently fervent in prayer; obsequious reverence for age, for
time-honored forms, ceremonies, and institutions; with moder-
ate Self-Esteem, and large Conscientiousness and Cautious-
ness, and a disordered temperament, experience the utmost un-
worthiness and guiltiness in his sight, and are crushed by a
sense of guilt and vileness, especially before God, yet should
never cherish these feelings: are always dreading the wrath of
Heaven, no matter whether their actions are right or wrong;
and should cultivate religious cheerfulness and hope of future
happiness.



Fig. 59.—LARGE.



Fig. 60.—SMALL.

LARGE.—Experience an awe of God and things sacred; love
to adore the Supreme Being, especially in his works; feel
true devotion, fervent piety, and love of divine things; take
great delight in religious exercises; have much respect for
superiority; regard God as the center of hopes, fears, and
aspirations: with large Hope and Spirituality, worship Him
as a spirit, and hope to be with and like Him; with large
Ideality, contemplate his works with rapture and ecstasy;
with large Sublimity, adore Him as infinite in everything;
with large reasoning organs have clear, and, if the faculties
are unperturbed, correct ideas of the Divine character and
government, and delight to reason thereon; with large Paren-
tal Love, adore Him as a friend and father; and with large

Benevolence, for his infinite goodness, etc.; with large Causality added, as securing the happiness of sentient beings by a wise institution of law, and as the great first cause of all things; with large and perverted Cautiousness, mingle fear and dread with worship; with large Constructiveness and Causality, admire the system evinced in his architectural plans, contrivances, etc.

▲ FULL.—Experience a good degree of religious worship whenever circumstances excite this faculty, and allow the stronger faculties frequently to divert it, yet pray at least internally: with large or very large Conscience or Benevolence, place religion in doing right and doing good more than in religious observances, and esteem duties higher than ceremonies; with strong propensities, may be devout upon the Sabbath, yet will be worldly through the week, and experience some conflict between the religious and worldly aspirations.

AVERAGE.—Will adore the Deity, yet often make religion subservient to the larger faculties; with large Adhesiveness, Benevolence, and Conscience, may love religious meetings, to meet friends, and pray for the good of mankind, or because duty requires their attendance; yet are not habitually and innately devotional, except when this faculty is especially excited by circumstances.

MODERATE.—Will not be particularly devout or worshipful; with large Benevolence and Conscientiousness, if religiously educated, may be religious, yet will place religion more in works than faith, in duty than prayer, and be more moral than pious; in prayer will supplicate blessings upon mankind, and with Conscientiousness large, will confess sin more than express an awe of God; with large reflectives, worship no further than reason precedes worship; with moderate Spirituality and Conscientiousness, care little for religion as such, but with large Benevolence, place religion mainly in doing good, etc.; and are by no means conservative in religion, but take liberal views of religious subjects; and are religious only when this faculty is considerably excited.

SMALL.—Experience little devotion or respect, and are deficient in fervor; care little for religious observances, and are not easily impressed with the worshipping sentiment.

VERY SMALL.—Are almost destitute of the feeling and practice of this sentiment.

TO CULTIVATE.—Study and admire the divine in nature, animate and inanimate, heaven and earth, man and things, present and future; cultivate admiration and adoration of the Divine character and government, of this stupendous order of things, of the beauties and perfections of nature, as well as a regard for religion and things sacred; but contemplate the Divine mercy and goodness rather than austerity, and salvation than condemnation.

TO RESTRAIN is rarely, if ever, necessary, unless where religious excitement endangers religious fanaticism and hallucination. In such cases avoid religious meetings, conversations, etc., as much as possible; cultivate the other faculties, and especially those which relate to this world and its pleasures; take those physical remedies, exercise, bathing, etc. which will withdraw blood from the head, and promote health; and especially do think of the Deity with feelings of awe, fear, or terror, but as a kind and loving heavenly Father, good to all his creatures.

19.—BENEVOLENCE.

Sympathy; kindness; humanity; desire to make others happy; a self-sacrificing disposition; philanthropy; generosity; the accommodating, neighborly spirit. Adapted to man's capability of making his fellow-men happy. Perversion—misplaced sympathies.

VERY LARGE.—Are deeply and thoroughly imbued with a benevolent spirit, and do good spontaneously; with large Adhesiveness and moderate Acquisitiveness, are too ready to help friends; and with large Hope added, especially inclined to indorse for them; with large Acquisitiveness, bestow time more freely than money, yet will also give the latter; but with only average or full Acquisitiveness, freely bestow both substance and personal aid; with large Veneration and only full Acquisitiveness, give freely to religious objects; with large Combativeness and Destructiveness, are more severe in word than deed, and threaten more than execute; with larger moral than animal organs, literally overflow with sympathy and practical goodness, and reluctantly cause others trouble;

with large reasoning organs, are truly philanthropic, and take broad views of reformatory measures; with large Adhesiveness and Parental Love, are pre-eminently qualified for nursing; with large Causality, give excellent advice, etc., and should not let sympathy overrule judgment.

\ **LARGE.**—Delight to do good; make personal sacrifices to render others happy; can not witness pain or distress, and do what can well be done to relieve them; manifest a perpetual flow of disinterested goodness; with large Adhesiveness, Ideality, and Approbativeness, and only average propensities and Self-Esteem, are remarkable for practical goodness; live



Fig 61.—**LARGE.**



Fig. 62.—**SMALL.**

more for others than self; with large domestic organs, make great sacrifices for family; with large reflectives, are perpetually reasoning on the evils of society, the way to obviate them, and to render mankind happy; with large Adhesiveness, are hospitable; with moderate Destructiveness, can not witness pain or death, and revolt at capital punishment; with moderate Acquisitiveness, give freely to the needy, and never exact dues from the poor; with large Acquisitiveness, help others to help themselves rather than give money; with large Combaticiveness, Destructiveness, Self-Esteem, and Firmness, at times evince harshness, yet generally are kindly disposed.

\ **FULL.**—Show a good degree of kind, neighborly, and hu-

mane feeling, except when the selfish faculties overrule it, yet are not remarkable for disinterestedness; with large Adhesiveness, manifest kindness towards friends; and with large Combativeness and Destructiveness, are unrelenting toward enemies; with large Acquisitiveness, are benevolent when money can be made thereby; with large Conscientiousness, are more just than kind, and with large Combativeness and Destructiveness, are exacting and severe toward offenders.

AVERAGE.—Manifest kindness only in conjunction with Adhesiveness and other large organs; and with only full Adhesiveness, if kind, are so for selfish purposes; with large Acquisitiveness, give little or nothing, yet may sometimes do favors; with large Veneration, are more devout than humane; and with only full reasoning organs are neither philanthropic nor reformatory.

MODERATE.—Allow the selfish faculties to infringe upon the happiness of others; with large Combativeness, Destructiveness, Self-Esteem, and Firmness, are comparatively hardened to suffering; and with Acquisitiveness and Secretiveness added, evince almost unmitigated selfishness.

SMALL.—Care little for the happiness of man or brute, and do still less to promote it; make no disinterested self-sacrifices; are callous to human woe; do few acts of kindness, and those grudgingly, and have unbounded selfishness.

VERY SMALL.—Feel little and evince none of this sentiment, but are selfish in proportion as the other faculties prompt.

TO CULTIVATE.—Be more generous and less selfish; more kind to others, the sick included; interest yourself in their wants and woes, as well as their relief; and cultivate general philanthropy and practical goodness in sentiment and conduct; indulge benevolence in all the little affairs of life, in every look and action, and season your whole conduct and character with this sentiment.

TO RESTRAIN.—Lend and indorse only where you are willing and can afford to lose; give and do less freely than you naturally incline to; bind yourself solemnly not to indorse beyond a given sum; harden yourself against the woes and sufferings of mankind; avoid waiting much on the sick, lest you make yourself sick thereby, for your Benevolence is in

danger of exceeding your strength; be selfish first and generous afterwards, and put Benevolence under bonds to judgment.

VI.—THE SELF-PERFECTING GROUP, OR SEMI-INTELLECTUAL SENTIMENTS,

consisting of Constructiveness, Ideality, Sublimity, Imitation, Mirthfulness.

Love of, and talent for, the fine arts; and for improvement in self-perfection, and obtaining and acquiring whatever is beautiful and perfect.

This group elevates and chastens the animal faculties, prevents the propensities, even when strong, from taking on the grosser sensual forms of action, and hence is rarely found in criminals; elevates even the moral sentiments, and constitutes a stepping-stone from the animal to the moral, and a connecting link between the moral and the intellectual in man.

TO CULTIVATE.—Associate with persons of wit, ingenuity, and refinement; visit galleries of art and mechanism, scenes of beauty and perfection, and read poetry and other works of the most polished and refined writers.

TO RESTRAIN.—Give more attention to the common affairs of life, and refrain from fostering esthetic subjects; read history, science, and metaphysics rather than poetry, romance, etc.

20.—CONSTRUCTIVENESS.

The making instinct; the tool-using talent; sleight of hand in constructing things. Adapted to a man's need of things made, such as houses, clothes, and manufactured articles of all kinds. Perverted, it wastes time and money on perpetual motion, and other like futile inventions.

VERY LARGE.—Show extraordinary mechanical ingenuity, and a perfect passion for making everything; with large Imitation, Form, Size, and Locality, have first-rate talents as an artist, and for drawing, engraving, etc.; and with Color added, are excellent limners; with Ideality, add elegance to skill; with large Causality, add invention to execution, etc.

LARGE.—Love to make, are able and disposed to tinker, mend, and fix up, build, manufacture, employ machinery, etc; show mechanical skill and dexterity in whatever is done with the hands; with large Causality and perceptsives, are inventive; and with large Imitation added, can make after a pattern, and both copy the improvements of others, and supply defects by original inventions, as well as improve on the mechanical contrivances of others; with the mental temperament, and large intellectual organs and Ideality, employ ingenuity in constructing sentences and arranging words, and forming essays, sentiments, books, etc.



Fig. 63. LARGE.



Fig. 64. SMALL.

FULL.—Can, when occasion requires, employ tools and use the hands in making, tinkering, and fixing up, and turn off work with skill, yet have no great natural passion or ability therein; with practice, can be a good workman; without it, would not excel.

AVERAGE.—Like full, only less gifted in this respect.

MODERATE.—Are rather awkward in the use of tools, and in manual operations of every kind; with large Causality and perceptsives, show more talent to invent than execute, yet no great in either; with the mental temperament, evince some mental construction, yet no great physical ingenuity.

SMALL.—Are deficient in the tool-using capability; awkward in making and fixing up things; poor in understanding

and managing machinery ; take hold of work awkwardly and wrong end first ; write poorly and lack both mental and physical construction.

VERY SMALL.—Can make nothing, except in the most awkward manner.

TO CULTIVATE.—Try your hand in using tools, and turning off work of any and every kind ; if in any writing business, in writing well and cutting flourishes ; if a mechanic, in doing with skill and dexterity what you undertake, etc. ; observe and study machinery and inventions, and call out this faculty in its various phases—that is, work.

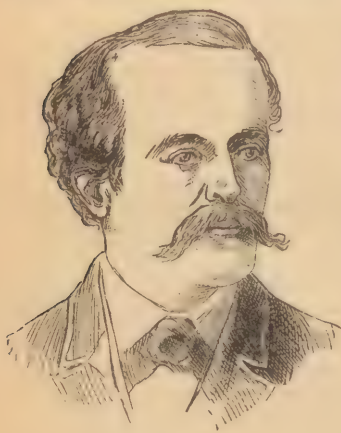
TO RESTRAIN.—Give yourself more to the exercise of your other faculties, and less to mechanical inventions and executions ; especially abstain from chimerical inventions, perpetual motion, and the like ; and spend no more time or money on inventions than you can spare without inconvenience.

21.—IDEALITY.

Perception and admiration of the beautiful and perfect ; good taste and refinement ; purity of feeling ; sense of propriety, elegance, and gentility ; polish and imagination. Adapted to the beautiful in nature and art. Perverted, it gives fastidiousness and extra niceness.

VERY LARGE.—Have the highest order of taste and refinement ; love the exquisite and perfect beyond expression, and are correspondingly dissatisfied with the imperfect, especially in themselves ; admire beauty in bird and insect, flower and fruit, animal and man, the physical and mental ; are perfectly enraptured with the impassioned, oratorical, and poetical in speech and action, in nature and art, and live much in an ideal world ; have a most glowing and vivid imagination, and give a delicate finish and touch of perfection to every act, word, thought, and feeling, and find few things to come up to their exalted standard of taste ; with only average Causality, have more taste than solidity of mind and character, and more exquisiteness than sense ; but with large reflectives, add the highest artistical style of expression to the highest conceptions of reason, and with organic quality 6 or 7, are always and involuntarily eloquent.

[**LARGE.**—Appreciate and enjoy beauty and perfection wherever found, especially in nature; give grace, purity, and propriety to expression and conduct, gracefulness and polish to manners, and general good taste to all they say and do; are pure-minded; enjoy the ideal of poetry and romance: long after perfection of character, and desire to obviate blemishes, and with Conscientiousness large, moral imperfections; with large social organs, evince a nice sense of propriety in friendly intercourse; eat in a becoming and genteel manner; with large moral organs, appreciate most highly perfection of character, or moral beauties and excel-

Fig. 65.—**LARGE.**Fig. 66.—**SMALL.**

lences; with large reflectives, add a high order of sense and strength of mind to beauty and perfection of character; with large perceptive, are gifted with a talent for the study of nature, etc.

[**FULL.**—Evince a good share of taste and refinement, yet not a high order of them, except in those things in which it has been vigorously cultivated; with large Language, Eventuality, and Comparison, may compose with elegance, and speak with much natural eloquence, yet will have more force of thought than beauty of diction; with large Constructiveness, will use tools with considerable taste, yet more skill; with large Combativeness and Destructive-

ness, show general refinement, except when provoked, but are then grating and harsh; with large moral organs, evince more moral beauty and harmony than personal neatness; with large intellectual organs, possess more beauty of mind than regard for looks and outside appearances, and prefer the sensible to the elegant and nice, etc.

AVERAGE.—Prefer the plain and substantial to the ornamental, and are utilitarian; with large intellectual organs, prefer sound, solid matter to the ornaments of style, and appreciate logic more than eloquence; with Benevolence and Adhesiveness large, are hospitable, and evince true cordiality, yet care nothing for ceremony; with Approbativeness large, may try to be polite, but make an awkward attempt, and are rather deficient in taste and elegance; with Constructiveness large, make things that are solid and serviceable, but do not polish them off; with Language large, talk directly to the purpose, without paying much attention to the mode of expression, etc.

MODERATE.—Rather lack taste in manners and expression; have but little of the sentimental or finished; should cultivate harmony and perfection of character, and endeavor to polish up; with strong propensities, evince them in rather a coarse and gross manner, and are more liable to their perverted action than when this organ is large, and are homespun in everything.

SMALL.—Show a marked deficiency in whatever appertains to taste and style, also to beauty and sentiment.

VERY SMALL.—Are almost deficient in taste, and evince none.

TO CULTIVATE.—First, avoid all disgusting habits—swearing, chewing, and drinking, low conversation, vulgar expressions and associates; and dress and appear in good taste, and cultivate personal neatness, good behavior, refinement and style in manners, purity in feeling, the poetical and sentimental, an elegant and classical style of conversation, expression, and writing, and love of the fine arts and beautiful forms; of the beauties of nature, of sunrise, sunset, mountain, lawn, river, scenery, beautiful birds, fruits, flowers, mechanical fabrics and productions—in short, the beautiful and perfect in nature, in general, and yourself in particular.

TO RESTRAIN.—Remember that in you the ideal and imaginative exceed the practical; that your building airy castles out of bubbles prevents your building substantial structures, and attaining useful life ends; that you are too symbolical, fastidious, and ornamental, too much tormented by a spot and wrinkle, too apt to discard things that are almost perfect, because not quite so, and hold in check the revelings of Ideality, and learn to prize what is right, instead of discarding the greater good because of minor faults. Especially do not refuse to associate with others because they are not in all particulars just to your fastidious tastes.



Fig. 67. —LARGE.



Fig. 68. —SMALL.

B.—SUBLIMITY.

Perception and appreciation of the Vast, Illimitable. Endless, Omnipotent, and Infinite. Adapted to that infinitude which characterizes every department of nature. Perverted, it leads to bombast, and a wrong application of extravagant words and ideas.

VERY LARGE.—Have a literal passion for the wild, romantic, boundless, endless, infinite, eternal, and stupendous, and are like large, only more so.

LARGE.—Appreciate and admire the grand, sublime, vast, and magnificent in nature and art; admire and enjoy exceed-

ingly mountain scenery, thunder, lightning, tempests, vast prospects, and all that is awful and magnificent, also the foaming, dashing cataract, a storm at sea, the lightning's vivid flash, and its accompanying thunder; the commotion of the elements, and the star-spangled canopy of heaven, and all manifestations of omnipotence and infinitude; with large Veneration, are particularly delighted by the infinite as appertaining to the Deity, and his attributes and works; and with large Time added, have unspeakably grand conceptions of infinitude as applicable to devotion, the past and future, and the character and works of the Deity; with large intellectual organs, take a comprehensive view of subjects, and give illimitable scope to all mental investigations and conceptions, so that they will bear being carried out to any extent; and with Ideality large, add the beautiful and perfect to the sublime and infinite.

\ FULL.—Enjoy grandeur, sublimity, and infinitude quite well, and impart considerable of this element to thoughts, emotions, and expressions, and evince the same qualities as large, only in a less degree.

AVERAGE.—Possess considerable of this element, when it is powerfully excited, yet, under ordinary circumstances, manifest only an ordinary share of it.

MODERATE.—Are rather deficient in the conception and appreciation of the illimitable and infinite; and with veneration moderate, fail to appreciate this element in nature and her Author.

SMALL.—Show a marked deficiency in this respect, and should earnestly cultivate it.

VERY SMALL.—Are almost destitute of sublime emotions and conceptions.

TO CULTIVATE.—Mount the lofty summit to contemplate the outstretched landscape; admire the grand and stupendous in towering mountain, rolling cloud, rushing wind and storm, loud thunder, majestic river, raging sea, roaring cataract, burning volcano, and the boundless, endless, infinite, and eternal in nature and her Author.

TO RESTRAIN—which is rarely ever necessary—refrain from the contemplation of the sublime.

22.—IMITATION.

Ability and disposition to Copy, Take Pattern, and Imitate. Adapted to man's requisition for doing, talking, acting, etc., like others. Perverted, it copies even their faults.

VERY LARGE.—Can mimic, act out, and pattern after almost anything; with large Mirthfulness, relate anecdotes to the very life; have a theatrical taste and talent; gesticulate



Fig. 69.—LARGE.



Fig. 70.—SMALL.

almost constantly while speaking; and with large language, impart an uncommon amount of Expression to countenance, and everything said; with large Individuality, Eventuality, Language, Comparison, and Ideality, can make a splendid speaker; and with large Mirthfulness, and full Secretiveness added, can keep others in a roar of laughter, yet remain serious; with an uneven head, are droll and humorous in the extreme; with large Approbativeness, delight in being the sport-maker at parties, etc., and excel therein; with large Constructiveness, Form, Size, Locality, and Comparison, full Color, and a good temperament, and a full-sized brain, can make a very superior artist of almost any kind; but with Color small, can engrave, draw, carve, model, etc., better than paint.

LARGE.—Have a great propensity and ability to copy and take pattern from others, and do what is seen done; describe and act out well; with large Language, gesticulate much; with

large perceptive, require to be shown but once; with large Constructiveness, easily learn to use tools, and to make things as others make them; and with small Continuity added, are a jack-of-all-trades, but thorough in none; begin many things, but fail to finish; with large Causality, perceptive, and an active temperament added, may make inventions or improvements, but never dwell on one till it completes it, or are always adding to them; with large Approbativeness, copy after renowned men; with large Adhesiveness, take pattern from friends; with large Language, imitate the style and mode of expression of others; with large Mirthfulness and full Secretiveness, create laughter by taking off the oddities of people; with large Form, Size, and Constructiveness, copy shape and proportions; with large Color, imitates colors, and thus of all the other faculties.

FULL.—Copy quite well, yet not remarkably so; with large Causality, had rather invent a new way of doing things than copy the ordinary mode, and evince considerable imitating talent when this faculty works in conjunction with large organs, yet but little otherwise.

AVERAGE.—Can copy tolerably well when this faculty is strongly excited, yet are not a mimic, nor a natural copyist; with only full Constructiveness, evince little manual dexterity; yet with large Causality, can originate quite well, and show no great disposition or ability to copy either the excellences or deficiencies of others, but prefer to be original.

MODERATE.—Have little inclination to do what and as others do; but with large Causality, prefer to strike out a new course, and invent an original plan of their own; with large Self-Esteem added, have an excellent conceit of that plan; but if Causality is only fair, are full of original devices, yet they do not amount to any great things.

SMALL.—Copy even commonplace matter with extreme difficulty and reluctance, and generally do everything in their own way.

VERY SMALL.—Possess scarcely any, and manifest no disposition or ability to copy anything, not even enough to learn to talk well.

TO CULTIVATE.—Study and practice copying from others in manners, expressions, sentiments, ideas, opinions, every-

thing, and try your hand at drawing, and in every species of copying and imitation, as well as conforming to those around you; that is, try to become what they are, and do what and as they do.

TO RESTRAIN.—Maintain more your own personality in thought, doctrine, character, everything, and be less a parrot, an echo, and cultivate the original and inventive in everything.

23.—MIRTHFULNESS.

Intuitive Perception of the absurd and ridiculous; disposition and ability to Joke and Make Fun, and Laugh at what

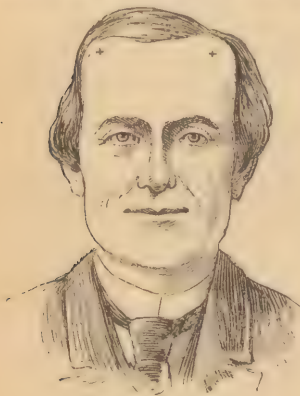


Fig. 71.—LARGE.



Fig. 72.—SMALL.

is improper, ill-timed, or unbecoming; pleasantness; facetiousness. Adapted to the absurd, inconsistent, and laughable. Perverted, it makes fun on solemn occasions, and where there is nothing ridiculous at which to laugh.

VERY LARGE.—Show an extraordinary disposition and capacity to make fun; are always laughing and making others laugh; with large Language, Comparison, Imitation, Perceptives, and Adhesiveness, and moderate Self-Esteem and Secreciveness, are “the fiddle of the company;” with only average Ideality added, are clownish, and often say undignified, and perhaps low things, to raise a laugh; and with only moderate Causality, things that lack sense, etc.

LARGE.—Enjoy a hearty laugh at the absurdities of others exceedingly, and delight to make fun out of everything not exactly proper or in good taste, and are always ready to give as good a joke as get; with large Amativeness, love to joke with and about the other sex; and with large Imitation and Language added, to talk with and tell stories to and about them; with large Combaticiveness and Ideality added, make fun of their imperfections in dress, expression, manners, etc., and hit them off to admiration; with large Adhesiveness, Language, and Imitation, are excellent company; with large Causality, Comparison, and Combaticiveness, argue mainly by ridicule or by showing up the absurdity of the opposite side, and excel more in exposing the fallacy of other systems than in propounding new ones; with large Ideality, show taste and propriety in witticisms, but with this faculty average or less, are often gross, and with large Amativeness added, vulgar in jokes; with large Combaticiveness and Destructiveness, love to tease, and are sarcastic, and make many enemies; and with large Comparison added, compare those disliked to something mean, disgusting, and ridiculous.

\ FULL.—Possess and evince considerable of the fun-making disposition, especially in the direction of the larger organs; with large or very large Comparison, Imitation, and Approbaticiveness, and moderate Self-Esteem, manifest more of the laughable and witty than is really possessed; may make much fun and be called witty, yet it will be owing more to what may be called drollery and pure wit; with moderate Secretiveness and Self-Esteem, and an excitable temperament, let fly witty conceptions on the spur of the moment, and thus increase their laughableness by their being well-timed, unexpected, sudden, etc.

AVERAGE.—Are generally serious and sedate, except when this faculty is excited, yet then often laugh heartily, and evince considerable wit; with large Individuality and Language, often say many laughable things, yet they owe their wit more to argument or the criticism they embody than to this faculty.

MODERATE.—Are generally serious, sedate, and sober, and with large Self-Esteem, stern and dignified, nor companionable except when Adhesiveness is large, and in company

with intimate friends; with only average Ideality and Imitation, are very poor in joking, have to expand witticisms, and thereby spoil them; have some witty ideas, yet lack in perceiving and expressing them; fail to please others in witticisms, and with large Approbativeness and Combaticiveness, are liable to become angry when joked, and should cultivate this faculty by laughing and joking more.

SMALL.—Make little fun; are slow to perceive, and still slower to return jokes; seldom laugh, and think it foolish or wrong to do so; with only average Adhesiveness, are uncompanionable; with large reflectives and Language, may do well in newspaper diction, yet not in debate.

VERY SMALL.—Have few, if any, witty ideas and conceptions.

TO CULTIVATE.—Get rid of the idea that it is sinful or undignified to laugh; try to perceive the witty and the facetious aspect of subjects and things; cultivate the acquaintance of mirthful people, and read witty books, and as much as may be imbibe their spirit.

TO RESTRAIN.—Cease hunting for something to laugh at and make fun of; observe in the conduct and appearance of others all that is congruous, correct, and proper, and not that merely which is droll or ridiculous; avoid turning everything into ridicule, punning, playing upon words, double entendre, etc.

VII.—INTELLECTUAL FACULTIES.

Knowing, Remembering, and Reasoning powers; general Intellectual Capability and desire. Adapted to the physical and metaphysical. Perverted, they apply their respective power to accomplish wrong ends.

These faculties are divided into three classes—the Perceptive, the Literary, and the Reflective—which, when large, confer three kinds of talent.

TO CULTIVATE.—Exercise the whole mind in diversified studies and intellectual exercises. See specific directions in "Fowler on Memory." And probably nothing is so well calculated to discipline and improve intellect as the study and practice of Phrenology.

TO RESTRAIN.—Divert the flow of blood from the brain to the body by vigorous exercise, an occasional hot bath, frequent ablutions, and a general abstinence from intellectual exercises, especially reading and writing.

VIII.—THE PERCEPTIVE FACULTIES, consisting of Individuality, Form, Size, Weight, Color, Order, Calculation, Locality.

These bring man into direct intercourse with the physical world; take cognizance of the physical qualities of material things; give correct judgment of the material properties of things, and a practical cast of mind.



Fig. 73.—LARGE.



Fig. 74.—SMALL.

TO CULTIVATE.—Exercise each separately, and all together, in examining closely all the material properties of physical bodies; study the natural sciences, especially Phrenology; examine the natural qualities of all natural objects.

TO RESTRAIN is never necessary.

24.—INDIVIDUALITY.

Observation; desire to see and examine; cognizance of individual objects. Adapted to individual existence, or the thingness of things. It is the door through which most forms of knowledge enter the mind. Perverted, it makes the starrer and the impudently observing.

VERY LARGE.—Have an insatiable desire to see and know all about everything, together with extraordinary powers of observation; can not rest satisfied till all is known; individualize everything, and are very minute and particular in observation of things; with large Ideality, employ many allegorical and like figures; with large Human Nature and Comparison, observe every little thing which people say and do, and read character correctly from what smaller Individuality would not notice.

LARGE.—Have a great desire to see, know, examine, experience, etc., are great and practical observers of men and things; see whatever is transpiring around, what should be done, etc.; are quick of perception, knowing, and with large Acquisitiveness, quick to perceive whatever appertains to property; with large Parental Love, whatever concerns children; with large Alimentiveness, whatever belongs to the flavor or qualities of food, and know what things are good by looking at them; with large Approbateness or Self-Esteem, see quickly whatever appertains to individual character, and whether it is favorable or unfavorable; with large Conscientiousness, perceive readily the moral, or right and wrong of things; with large Veneration, “see God in clouds, and hear him in the winds;” with large Ideality, are quick to perceive beauty, perfection, and deformity; with large Form, notice the countenances and looks of all met; with small Color, fail to observe tints, hues, and shades; with large Order and moderate Ideality, perceive disarrangement at once, yet fail to notice the want of taste or niceness. These and kindred combinations show why some persons are very quick to notice some things, but slow to observe others.

FULL.—Have good observing powers, and much desire to see and know things, yet are not remarkable in these respects; with large Acquisitiveness, but moderate Ideality, are quick to notice whatever appertains to property, yet fail to observe instances of beauty and deformity; but with large Ideality and moderate Acquisitiveness, quickly see beauty and deformity, yet do not quickly observe the qualities of things or value of property; with large Parental Love and Ideality, see at once indices of beauty and perfection in children; but if Ideality and Language are moderate, fail to perceive beauty of expression or sentiment, etc.

AVERAGE.—Observe only the more conspicuous objects, and these more in general than detail, and what especially interests the stronger faculties.

MODERATE.—Are rather deficient in observing disposition and capability, and should cultivate this faculty; with large Locality, may observe places sufficiently to find them again; with large Order, observe when things are out of place; with large Causality, see that it may find material for reasoning, etc.

SMALL.—Observe only what is thrust upon the attention, and are quite deficient in this respect.

VERY SMALL.—See scarcely anything.



Fig. 75.—**LARGE.**—Indicated by width between the eyes.



Fig. 76.—**SMALL.**

TO CULTIVATE.—Notice whatever comes within the range of your vision: observe attentively all the little things done and said by everybody, all their minor manifestations of character—in short, keep a sharp look-out.

TO RESTRAIN—of which there is little, if any need—look and stare less, and think more.

25.—FORM.

Cognizance and recollection of shape; memory of countenances and the looks of persons and things seen; perception of resemblances, family likenesses, etc. Adapted to shape.

Perverted, sees imaginary shapes of persons, things etc., as in delirium tremens.

VERY LARGE.—Possess this capability in an extraordinary degree: recognize persons not seen for many years; with large Ideality, take extreme delight in beautiful forms; with large Spirituality, see the spirits of the departed; with disordered nerves, see horrid images, etc.

Λ LARGE.—Notice, and for a long time remember, the faces, countenances, forms, looks, etc., of persons, beasts and things once seen; know by sight many whose names are not remembered; with Individuality large, both observe and recollect persons and things, but with Individuality moderate, fail to notice them, and hence to remember them, unless business, or something special, draws attention to them; with large Parental Love, notice and recollect children, favorite animals, etc.; with large Acquisitiveness, Individuality, and Locality, readily detect counterfeits, etc.

FULL.—Have a good recollection of the countenances of persons and shape of things, yet not remarkably good unless this faculty has been quickened by practice, or invigorated by some strong incentive to action; with large Ideality, will recollect beautiful shapes; with large Locality and Sublimity, beautiful and magnificent scenery, etc.; and should endeavor to impress the recollection of shape upon the mind.

AVERAGE.—Have only a fair natural recollection of shapes, countenances, etc.; yet with practice may do tolerably well, but without practice will be only fair in these respects, and should cultivate this faculty.

MODERATE.—Are rather deficient in recognizing persons and things seen; fail to recognize by their looks those who are related to each other by blood, and should cultivate this faculty by trying to remember persons and things.

SMALL.—Have a poor recollection of persons' looks, etc.; often meet persons the next day after an introduction, or an evening interview, without knowing them; with Eventuality large, may remember their history, but not their faces; with Locality large, where they were seen, but not their looks, etc.

VERY SMALL.—Manifest scarcely any of this faculty.

TO CULTIVATE.—Scan the shape of everything you would remember; study botany, conchology, phrenology, and espe-

cially those studies which involve configuration; when talking to persons, scan eyes, nose, mouth, chin, forehead, looks, expression of countenance, especially of eye, as if you were determined ever afterward to remember them—looking at them critically, as a police detective looks at a rogue, as if saying to himself, “I’ll know you, my man, next time I see you.”

TO RESTRAIN is never necessary, yet avoid staring at strangers and others.

26.—SIZE.

Cognizance of bulk, magnitude, quantity, proportion, etc.; ability to measure by the eye. Adapted to the absolute and



Fig. 77.—LARGE.



Fig. 78.—SMALL.

relative magnitude of things. Perverted, it is pained by disproportion and architectural inaccuracies.

VERY LARGE.—Are endowed with an extraordinarily accurate architectural eye; detect at one glance any departure from perfect accuracy and proportion; often detect errors in the work of good workmen; can tell how high, wide, long, far, much, heavy, etc., with perfect accuracy; judge correctly as if by intuition, the texture, fineness, coarseness, quality, etc., of goods; excel in judging property where bulk and value are to be estimated by eye; with Constructiveness, can fit nice machinery, and in many things dispense with measur-

ing instruments because accurate enough without, and do best on work requiring the most perfect accuracy.

LARGE.—Have an excellent eye for measuring angles, proportions, disproportions, and departures therefrom, and with large Constructiveness, a good mechanical eye, and judge correctly of quantity in general; love harmony of proportion, and are pained by disproportion. This faculty is necessary to artisans, mechanics, all kinds of dealers, students, etc.

FULL.—Possess a good share of this eye-measuring power, yet are not remarkable; with practice, do well; without it, only fairly; and in this respect succeed well in their accustomed business.

AVERAGE.—Have a fair eye for judging of bulk, distances, weight by the size, etc., and with practice do tolerably well in this respect.

MODERATE.—Measure by eye rather inaccurately, and have poor judgment of bulk, quantity, distance, and whatever is estimated by this faculty.

SMALL.—Are obliged always to rely on actual measurements, because the eye is too imperfect to be trusted.

VERY SMALL.—Are almost destitute of this faculty.

TO CULTIVATE.—Pass judgment on whatever involves how much, how heavy, how far, the center, the amount, architectural accuracy, guessing the weight, the quantity of groceries, of everything by eye; judging how much grain to the acre, and everything involving the exercise of this faculty.

TO RESTRAIN.—Do not allow architectural inaccuracies or any disproportion to disturb you as much as it naturally does—that is, put up with things not regulated by size and proportion.

27.—WEIGHT.

Intuitive perception and application of the laws of gravity, motion, etc. Adapted to man's requisition for keeping his balance. Perverted, it runs imminent risks of falling by venturing too far.

VERY LARGE.—Have control over the muscular system, hence can climb or walk anywhere with safety; can not be thrown by fractious horses; are sure-footed; never slip or

fall; are a dead shot, even "on the wing;" have an intuitive sight for skating, swimming, balancing, circus-acting, hurling, everything requiring muscular control; are an excellent judge of perpendiculars and levels; can plumb anything by the eye; as a sculptor or other artist, always make a picture or statue in an easy, natural, and well-balanced attitude, and are annoyed if the mirror or pictures, etc., do not hang plumb; with Constructiveness large, will succeed in any mechanical avocation requiring a steady hand, as in surgery, dental operations, sleight-of-hand performances, fancy glass-blowing, etc.

\ LARGE.—Have an excellent faculty for preserving and regaining balance, riding a fractious horse, skating, carrying a



Fig. 79.—LARGE.



Fig. 80.—SMALL.

steady hand, etc.; easily keep from falling when aloft, or in dangerous places; throw a stone, ball, or arrow, straight; are pained at seeing things out of plumb; judge of perpendiculars very exactly; love to climb, walk on the edge of a precipice, etc.; with Form and Size large, are excellent marksmen; with Constructiveness large, possess an excellent faculty for understanding and working machinery; with Approbateness large, are venturesome, etc., to show what risks can be run without falling.

FULL.—Have a good degree of this faculty, and with practice excel, yet without it are not remarkable.

AVERAGE.—Like Full, only less gifted in this respect; with

only average Constructiveness and perceptive, should never engage in working machinery, because deficient in this talent.

MODERATE.—Can keep the balance under ordinary circumstances, yet have rather imperfect control over the muscles in riding a fractious horse, or walking a narrow beam aloft, etc.; with large Cautiousness, are afraid to walk over generous places, and dare not venture far; are rather poor in shooting, skating, throwing, etc., unless rendered so by practice, and should cultivate this faculty by climbing, balancing, hurling, etc.

SMALL.—Are quite liable to sea-sickness, dizziness when aloft, etc. write large Cautiousness, are afraid to walk over water, even on a wide plank, and where there is no danger; never feel safe while climbing, and fall easily.

VERY SMALL.—Can hardly stand erect, and have very little control over the muscles.

TO CULTIVATE.—Skate, slide down hill, practice gymnastic feats, balance a long pole on your hands, walk a fence, climb, ride on horseback, go to sea, practice gunnery, archery, throwing stones, pitching quoits—anything to call this faculty into exercise.

TO RESTRAIN.—Do not allow yourself to climb aloft, and walk narrow, dangerous places as much as naturally inclined to. Persons often lose their lives by ambitiously showing what extraordinary feats they can accomplish.

28.—COLOR.

Perception, recollection, and application of colors, and delight in them. Adapted to that infinite variety of coloring interspersed throughout nature. Perverted, are over-particular to have colors just right.

VERY LARGE.—Have a natural taste and talent, as well as a perfect passion, for whatever appertains to colors; can carry colors perfectly in the eye, and match them from memory; take the utmost delight in viewing harmonious colors, and with very large Constructiveness, Imitation, Form, and Size, and large Weight, a full or large-sized brain, and organic quality 6 or 7, have a natural taste and talent for painting, and a real genius in this line. For combinations see Large.

LARGE.—Can discern and match colors by the eye with

accuracy ; with Comparison large, can compare them closely, and detect similarities and differences ; with Constructiveness, Form, Size, and Imitation large, or very large, can excel in painting ; but with Form and Size only average, can paint better than draw ; with Ideality large, are exceedingly delighted with fine paintings, and disgusted with imperfect coloring ; with large Form and Size, manage the perspective and lights and shades of painting admirably.

✓ **FULL.**—Possess a good share of coloring ability and talent, provided it has been cultivated ; take much pleasure in beautiful flowers, variegated landscapes, beautifully colored fruits, etc.



Fig. 81.—LARGE.



Cast of F. BLY—blind.

Fig. 82.—SMALL.

AVERAGE.—Possess a fair share of this talent, yet are not extraordinary.

MODERATE.—With practice, may judge of colors with considerable success, yet without it will be deficient in this respect ; with large Form, Size, Constructiveness, Ideality, and Imitation, may take an excellent likeness, yet will fail in the coloring.

SMALL.—May tell the primitive colors from each other, yet rarely notice the color of dress, eyes, hair, etc. ; can not describe persons and things by them, and evince a marked deficiency in coloring, taste and talent.

VERY SMALL.—Can hardly tell one color from another, or form any idea of colors.

TO CULTIVATE.—Observe color in general, and its shadings in particular; try to appreciate their beauties; relish, revel in their richness, as seen in flower, bird, fruit, lawn, twilight, everywhere, and cultivate an appreciation of fine paintings.

TO RESTRAIN is rarely necessary; go less into rapturous ecstacy over a new flower or painting, but give more attention to other things.

29.—ORDER.

Method, system, arrangement. Adapted to Heaven's first law. Perverted, it overworks, annoys others to keep things in order, and is tormented by disarrangement.

VERY LARGE.—Are perfectly systematic, and are very particular about order, even to old-maidishness; work far beyond strength to have things just so; and with large Ideality, and an active temperament, and only fair Vitality, are liable to break down health and constitution by overworking in order to have things extra nice, and take more pains to keep things in order that this order is worth: with large Ideality, are fastidious about personal appearance, and extra particular to have every little thing very nice; and with Acquisitiveness added, can not bear to have garments soiled, and are pained in the extreme by grease-spots, ink-blots, and like deformities.

LARGE.—Have a desire to conduct business on methodical principles, and to be systematic in everything; with large Acquisitiveness and Causality, have good business talents; with large Locality, have a place for everything, and everything in its place; with large Time, have a time for everything, and everything in season; with large Continuity, Comparison, and the mental temperament, have every idea, paragraph, and head of a subject in its proper place; with large Constructiveness, have tools always in place, so that they can be found in the dark; with large Combativeness, are excessively vexed by disarrangement; with large Language, place every word exactly right, in the sentence; with large Approbateness, are inclined to conform to establish usages; with large Size, must have everything in rows, at proper distances.

straight, etc.; and with large Ideality, must have everything neat and nice as well as methodical, etc.

^ FULL.—If educated to business habits, evince a good degree of method, and disposition to sympathize, but without practice may sometimes show laxity; with a powerful mentality, but weaker muscles, may like to have things in order, yet do not always keep them so; with large Causality added, show more mental than physical order; with large mental organs, like to have religious matters, codes or discipline, etc., rigidly observed, and have more moral than personal method; with Acquisitiveness and percepts large, are sufficiently methodical for all practical business purposes, yet not extra particular.



Fig. 83.—LARGE.



Fig. 84.—SMALL.

AVERAGE.—Like order, yet may not always keep it, and desire more than practically secure.

MODERATE.—Are very apt to leave things where they were last used, and lack method; with Ideality moderate, lack personal neatness, and should cultivate this desirable element by being more particular.

SMALL.—Have a very careless, inaccurate way of doing everything; leave things where it happens; can never find what is wanted: take a long time to get ready, or else go unprepared, and have everything in perpetual confusion.

VERY SMALL.—Are almost wholly destitute of this arranging power and desire.

TO CULTIVATE.—Methodize and arrange everything; be regular in all your habits; cultivate system in business; have a place for everything, and keep everything in place, so that you could find it in the dark—in short, exercise order.

TO RESTRAIN.—Work and worry less to keep order, for it costs more to keep it than it is worth; you waste your very life and strength in little niceties of order which, after all, amount to little, but are costing you your sweetness of temper and very life itself.

'30.—CALCULATION.

Cognizance of numbers; ability to reckon figures in the head; mental arithmetic. Adapted to the relations of numbers.



Fig. 85—LARGE.



Fig. 86—SMALL.

VERY LARGE.—Possess this calculating capability in a most extraordinary degree; can add several columns at once very rapidly and correctly, and multiply and divide with the same intuitive powers; love mental arithmetic exceedingly, and with large reflectives a natural mathematician.

LARGE.—Excel in mental arithmetic, in adding, subtracting, multiplying, dividing, reckoning figures, casting accounts, etc., in the head; with large percepts, have excellent business talents; and large Locality and Causality added, excel in mathematics.

FULL.—Possess good calculating powers; with practice, can calculate in the head or by arithmetical rules easily and accu-

rately, yet without practice are not remarkable; with large Form, Size, Comparison, Causality, and Constructiveness, can be a good geometrician or mathematician, yet will do better in higher branches than merely the arithmetical.

AVERAGE.—Can learn arithmetic and do quite well by practice, yet are not naturally gifted in mental arithmetic.

MODERATE.—Add, subtract, divide, and calculate with difficulty; and with large Acquisitiveness and percepts, will make a better salesman than book-keeper.

SMALL.—Are dull and incorrect in adding, subtracting, dividing, etc.; dislike figuring; are poor in arithmetic, both practical and theoretical, and should cultivate this faculty.

VERY SMALL.—Can hardly count, much less calculate.

TO CULTIVATE.—Add, subtract, divide, multiply, count, and reckon figures in the head as far as possible, and learn and practice arithmetic.

TO RESTRAIN is rarely ever necessary. Avoid counting everything.

31.—LOCALITY.

Cognizance of place; recollection of the looks of places, roads, scenery, and the location of objects; where on a page ideas are to be found, and position generally; the geographical faculty; desire to see places, and have the ability to find them. Adapted to nature's arrangement to space and place. Perverted, it creates a cosmopolitic disposition and would spend everything in traveling.

VERY LARGE.—Always keep a correct idea of the relative and absolute position, either in the deep forests or the winding street: can not be lost: are perfectly enamored with traveling; have literally a passion for it.

LARGE.—Remember the whereabouts of whatever they see; can carry the points of the compass easily in the head, and are lost with difficulty either in the city, woods, or country; desire to see places, and never forget them; study geography and astronomy with ease; and rarely forget where things are seen; with Constructiveness, remember the arrangement of the various parts of a machine; with Individuality, Eventuality, and

Human Nature, love to see men and things as well as places, and hence have a passion for traveling.

A FULL.—Remember places well, yet not extraordinarily so; can generally find the way, yet may sometimes be lost or confused; with large Eventuality, remember facts better than places.

AVERAGE.—Recollect places and positions seen several times, yet in city or roads are occasionally lost; have no great geographical talent, yet by study and practice can do tolerably well.

MODERATE.—Recollect places rather poorly; dare not trust to local memory in strange places or large cities; are not nat-



Fig. 87.—LARGE.



Fig. 88.—SMALL.

urally good in geography, and to excel in it must study hard; should energetically cultivate this faculty by localizing everything, and remembering just how things are placed.

SMALL.—Are decidedly deficient in finding places, and recollect them with difficulty even when perfectly familiar with them.

VERY SMALL.—Must stay at home unless accompanied by others, because unable to find the way back.

TO CULTIVATE.—Notice, as you go, turns in the road, land-marks, and objects by the way, geography, and the points of compass, when you see things, and charge your memory

where on a page certain ideas or accounts stand recorded, and position in general, and study geography, by maps and traveling, the location of anatomical and phrenological organs, and positions or place in general.

TO RESTRAIN.—Settle down, and give over your restless, roving desire to travel.

IX.—LITERARY FACULTIES,

consisting of Eventuality, Time, Tune, Language. These collect information, anecdotes, and remember matters of fact in general, and give what is called a good memory. Adapted to facts, dates, and the communication of ideas and feelings.

TO CULTIVATE.—Read, study, inform yourself, read the papers; keep pace with the improvements of the day; study history, and the experimental sciences; and pick up and store whatever kind of knowledge in your line of business, and of matter-of-fact knowledge that comes in your way; write your thoughts in a daily journal or for the press; join a lyceum or debating society, and read history or science with a view to remember its substance, for the purpose of using it in argument; remember the news, and tell it to your friends; in short, read, write and talk.

TO RESTRAIN.—Read and study less, but divert your mind from books and business by cultivating the other faculties, and especially physical forces, and never read, or study, or write at nights.

32.—EVENTUALITY.

Memory of facts; recollection of circumstances, news, occurrences, and historical, scientific, and passing events; what has been said, seen, heard, or once known. Adapted to action, or those changes constantly occurring around or within us.

VERY LARGE.—Possess a wonderfully retentive memory of everything like facts and incidents; with large Language and Imitation, tell a story admirably, and excel in fiction, etc.; have a craving thirst for knowledge, and literally devour books and newspapers, nor allow anything once in the mind to escape it.

LARGE.—Have a clear and retentive memory of historical facts, general knowledge, what has been seen, heard, read, done, etc., even in detail considering advantages, are well informed and knowing; desire to witness and institute experiments; find out what is and has been, and learn anecdotes, particulars, and items of information, and readily recall to mind what has once entered it; have a good general matter-of-fact memory, and pick up facts readily; with Calculation and Acquisitiveness, remember business matters, bargains, etc.; with large social feelings, recall friends to mind, and what they have said and done; and with large Locality, associate facts with the place where they transpired, and are particularly fond of reading, lectures, general news, etc., and can become a good scholar.



Fig. 89.—LARGE.



Fig. 90.—SMALL.

FULL.—Have a good general memory of matters and things, yet it is considerably effected by cultivation—that is, have a good memory if it is habitually exercised—if not, only an indifferent one; with large Locality, recollect facts by associating them with the place, or by recollecting where on a page they are narrated; with large reflectives, remember principles better than facts, and facts by associating them with their principles; and with large Language, tell a story quite well.

AVERAGE.—Recollect leading events and interesting par-

ticulars, yet are rather deficient in memory of items and details, except when it is well cultivated.

MODERATE.—Are rather forgetful, especially in details; and with moderate Individuality and Language, tell a story very poorly, and should cultivate memory by its exercise.

SMALL.—Have a treacherous and confused memory of circumstances; often forget what is wanted, what was intended to be said, done, etc.; have a poor command of knowledge, are unable to swear positively to details, and should strenuously exercise this remembering power.

VERY SMALL.—Forget almost everything, both general and particulars.

TO CULTIVATE.—Charge your mind with whatever transpires; remember what you read, see, hear, and often recall and re-impress it, so that you can swear definitely in a court of justice; also, impress on your mind what you intend to do and say at given times; read history and study mythology with a view of weaving such knowledge into the every-day affairs of life; tell anecdotes, recount incidents in your own life, putting in all the little particulars; write down what you would remember, yet only to impress it, but trust to memory rather than to manuscript.

TO RESTRAIN.—Read less; never allow yourself to recount the painful vicissitudes of life, or to renew past pain by remembrance, for this does only damage; but when you find your mind running on painful subjects, change it to something else, and forget whatever in the past is saddening.

33.—TIME.

Cognizance and recollection of duration and succession, the lapse of time, when things occurred, etc., and ability to carry the time of the day in the head; punctuality. Adapted to periodicity. Perverted, it is excessively pained by bad time in music and not keeping steps in walking, etc.

VERY LARGE.—Can wake up at any pre-appointed hour, tell the time of day by intuition almost as correctly as with a time-piece, and the time that transpired between one event and another, a natural chronologist.

LARGE.—Can generally tell when things occurred, at least

the order of events, and the length of time between one occurrence and another, etc.; tell the time of day without time-piece or sun, well; and keep an accurate chronology in the mind of dates general and particular; with large Eventuality, rarely forget appointments, meetings, etc., and a good historian.

FULL.—With cultivation, can keep time in music, and also the time of day in the head quite correctly, yet not exceedingly so.

AVERAGE.—With practice, have a good memory of dates and successions, yet without it are rather deficient.



Fig. 91.—**LARGE.**



Fig. 92.—**SMALL.**

MODERATE.—Have a somewhat imperfect idea of time and dates; with moderate Individuality, Eventuality, and Language, a poor historian.

SMALL.—Fail to keep the correct time in the head, or awaken at appointed times; have a confused and indistinct idea of the time when things transpired, and forget dates.

VERY SMALL.—Are almost wholly destitute of this faculty.

TO CULTIVATE.—Periodize everything; rise, retire, prosecute your business, everything by the clock; appropriate particular times to particular things, and deviate as seldom as possible; in short, cultivate perfect regularity in all your habits, as it respects time.

TO RESTRAIN.—Break in upon your tread-mill monotony, and deviate now and then, if only for diversion, from your monotonous routine.

34.—TUNE.

The music instinct and faculty ; ability to learn and remember tunes by rote. Adapted to the musical octave. Perversion—excessive fondness for music to the neglect of other things.

VERY LARGE.—Possess extraordinary musical taste and talent, and are literally transported by good music ; and with large Imitation and Constructiveness, fair time, and a fine



Fig. 93.—**LARGE.**



Fig. 94.—**SMALL.**

temperament, an exquisite performer ; learn tunes by hearing them sung once ; sing in spirit and with melting pathos ; show intuitive taste and skill ; sing from the soul to the soul.

LARGE.—Love music dearly ; have a nice conception of concord, discord, melody, etc., and enjoy all kinds of music ; and with large Imitation, Constructiveness, and Time, can make most kinds and play well on, musical instruments ; with large Ideality, impart a richness and exquisiteness to musical performances ; have a fine ear for music, and are tormented by discord, but delighted by concord, and take a great amount of pleasure in the exercise of this faculty ; with large Combativeness and Destructiveness, love martial music ; with

large Veneration, sacred music ; with large Adhesiveness and Amativeness, social and parlor music ; with large Hope, Veneration, and disordered nerves, plaintive, solemn music, etc.

FULL.—Have a good musical ear and talent ; can learn tunes by rote quite well ; and with large Ideality, Imitation, and Firmness, can be a good musician, yet will require practice.

AVERAGE.—Have fair musical talents, yet, to be a good musician, require considerable practice ; can learn tunes by rote, yet with some difficulty ; with large Ideality and Imitation, may be a good singer or player, yet are indebted more to art than nature, show more taste than skill, and love music better than can make it.

MODERATE.—Have no great natural taste or talent for music, yet, aided by notes and practice, may sing and play quite well, but will be rather mechanical ; lack that pathos and feeling which reach the soul.

SMALL.—Learn to sing or play tunes with great difficulty, and that mechanically, without emotion or effect.

VERY SMALL.—Have scarcely any musical Idea or feeling, so little as hardly to tell Yankee Doodle from Old Hundred.

TO CULTIVATE.—Try to sing ; learn tunes by ear ; practice vocal and instrumental music, and give yourself up to the spirit and sentiment of the piece ; attend concerts, listen appreciatingly and feelingly to gifted performers, and cultivate the soul of music.

TO RESTRAIN.—Give relatively less time and feeling to music, and more to other things.

35.—LANGUAGE.

The expression of all mental operations by words, written or spoken, by gestures, looks, and actions ; the communicating faculty and instinct in general. Adapted to man's requisition for holding communication with man. Perversion—verbosity, pleonasm, circumlocution, excessive talkativeness, telling what does harm, etc.

VERY LARGE.—Are exceedingly expressive in all they say and do ; have a most expressive countenance, eye, and manner

in everything; have a most emphatic way of saying and doing everything, and thoroughly impress the various operations of their own minds on the minds of others; use the very word required by the occasion; are intuitively grammatical, even without study, and say oratorically whatever they attempt to say at all; commit to memory by reading or hearing once or twice; learn languages with remarkable facility; are both fluent and copious, even redundant and verbose; with large or very large Imitation, add perfect action, natural language, and gesticulation to perfect verbal expression; with large Ideality, are elegant and eloquent; and with large Individuality, Eventuality, Comparison, and organic quality added, possess natural



Fig. 95.—LARGE.



Fig. 96.—SMALL.

Language large, pushes the eye forward and downward, showing fullness below and prominence of the eye-ball.

speaking talents of the highest order: say the very thing, and in the very way; choose words almost as by inspiration, and evince the highest order of communicating capacity.

LARGE.—Express ideas and feelings well, both verbally and in writing; can learn to speak languages easily; recollect words, and commit to memory well; have freedom, copiousness, and power of expression; with large Amativeness, use tender, winning, persuasive words; with large Combaticiveness and Destructiveness, severe and cutting expressions; with large moral faculties, words expressive of moral sentiments; with large Acquisitiveness, describe in glowing colors what is

for sale; with large Ideality, employ richness and beauty of expression, and love poetry and oratory exceedingly; with large Imitation, express thoughts and emotions by gesticulation; with activity great and Secretiveness small, show in the looks the thoughts and feelings passing in the mind; with large reflective faculties, evince thought and depth in the countenance; with large Comparison, use just the words which convey the meaning intended; with large Ideality, Individuality, Eventuality, Comparison, and the mental temperament, can make an excellent editor or newspaper writer; and with large Causality added, a philosophical writer.

§ FULL.—Say well what is said at all, yet are not garrulous; with small Secretiveness, speak without qualifications, and also distinctly and pointedly; express the manifestations of the larger faculties with much force, yet not of the smaller ones; with large Secretiveness and Cautiousness, do not always speak to the purpose, and make ideas fully understood, but use rather non-committal expressions; with large Comparison, Human Nature, Causality, Ideality, activity, organic quality, and power, have first-rate writing talents, and can speak well, yet large Secretiveness impairs speaking and writing talents by rendering them wordy and non-committal.

AVERAGE.—Have fair communicating talents, yet not extra; with activity great and Secretiveness small, speak right out, and to the purpose, yet are not eloquent, and use commonplace words and expressions; with large Individuality, Eventuality, and Comparison, and moderate Secretiveness, can make an excellent writer by practice; use none too many words, but express itself clearly and to the point; with large Causality, have more thought than language; with moderate Individuality and Eventuality, find it difficult to say just what is desired, and are not fully and easily understood; with large Ideality, have more beauty and elegance than freedom.

MODERATE.—Are not particularly expressive in words, actions, or countenance, nor ready in communicating ideas and sentiments; with large Ideality, Eventuality, Comparison, activity, and power, may succeed well as a writer, yet not as a speaker; with large Causality and moderate Eventuality, have abundance of thoughts, but find it quite difficult to cast them into sentences, or bring in the right adjectives and

phrases at the right time; are good in matter, yet poor in delivery; commit to memory with difficulty, and fail to make ideas and feelings fully understood, and to excite like organs in others; with large Eventuality, Locality, Form, and Comparison, may be fair as a linguist, and learn to read foreign languages, yet learn to speak them with difficulty, and are barren in expression, however rich in matter.

SMALL.—Have poor lingual and communicative talents; hesitate for words; speak with extreme difficulty and very awkwardly, and should cultivate this faculty by talking and writing much.

VERY SMALL.—Can hardly remember or use words at all, or even remember their meaning.

TO CULTIVATE.—Talk, write, speak as much, as eloquently, as well as you can; often change clauses with a view to improving sentences; erase unnecessary and improper words, and choose the very words exactly expressive of the desired meaning; throw feeling and expression into all you say—into action, and expressions of countenance; study languages and the classics, but especially fluency in your mother tongue; narrate incidents; tell what you have heard, seen, read, done; debate; if religious, lead in religious exercises—anything, everything to discipline and exercise this faculty.

TO RESTRAIN.—Talk less; never break in when others are talking; lop off redundancies, pleonasm, and embellishments, and use simple instead of bombastic expressions.

X.—REFLECTIVE OR REASONING FACULTIES,

consisting of Causality, Comparison, Human Nature, Agreeableness.

These give a Philosophizing, Penetrating, Investigating, Originating cast of mind: ascertain Causes and abstract Relations; Contrive, Invent, Originate ideas, give intuitive judgment of character, etc. Adapted to the first principles, or laws of things.

TO CULTIVATE.—Muse, meditate, ponder, reflect on, think, study, and pry deep into the abstract principles and nature of things.

TO RESTRAIN.—Theorize less, and give more time to the other faculties.

36.—CAUSALITY.

Perception and application of Causation; Thought; Originality; Comprehensiveness of mind; Forethought the Resource-creating power; adaptation of ways and means to ends. Adapted to nature's institutes, plans, cause, and effect. Perverted, it reasons in favor of untruth and injurious ends.

VERY LARGE.—Possess this cause-seeking and applying power to an extraordinary degree: perceive by intuition those deeper relations of things which escape common minds;



Fig. 97.—LARGE.



Fig. 98.—SMALL.

are profound in philosophy, and deep and powerful in reasoning, and have great originality of mind and strength of understanding.

LARGE.—Desire to know the why and wherefore of things, and to investigate their laws; reason clearly and correctly from causes to effects, and from facts to their causes; have uncommon capabilities of planning, contriving, inventing, creating, resources, and making the head save the hands; kill two birds with one stone; predicate results, and arrange things so as to succeed; synthesize, and put things together well; with large Combativeness, love to argue; with large percepts, are quick to perceive facts and conditions, and

Reason powerfully and correctly from them; with Comparison and Conscientiousness large, reason forcibly on moral truths; with the selfish faculties strong, will so adapt ways and means as to serve personal purposes; with moderate perceptives, excel more in principles and philosophy than facts, and remember laws better than details; with Comparison and Human Nature large, are particularly fond of mental philosophy, and excel therein; with Individuality and Eventuality only moderate, are guided more by reason than experience, by laws than facts, and arrive at conclusions more from reflection than observation; with large perceptives, possess a high order of practical sense and sound judgment; with large Comparison and moderate Eventuality, remember thoughts, inferences, and subject-matter, but forget items; with the mental temperament and Language moderate, make a much greater impression upon mankind by action than expressions, by deeds than words, etc.

AFULL.—Have good cause-seeking and applying talents; reason, and adapt ways and means to ends, well; with large perceptives, Comparison, activity, and thought, possess excellent reasoning powers, and show them to first-rate advantage; with moderate perceptives and large Secretiveness, can plan better than reason; with large Acquisitiveness and moderate Constructiveness, lay excellent money-making, but poor mechanical plans, etc.

AVERAGE.—Plan and reason well in conjunction with the larger faculties, but poorly with the smaller ones; with moderate Acquisitiveness, lay poor money-making plans; but with large Conscientiousness, reason well on moral subjects, especially if Comparison is large, etc.

MODERATE.—Are rather deficient in discerning and applying causes; perceive them when presented by other minds, yet do not originate them; with activity and perceptives large, may do well in the ordinary routine of business, yet fail in difficult matters.

SMALL.—Are deficient in reasoning and planning power; need perpetual telling and showing; seldom arrange things beforehand, and then poorly; should work under others; lack force of idea and strength of understanding.

VERY SMALL.—Are idiotic in reasoning and planning.

TO CULTIVATE.—First, and mainly, study nature's causes and effects, adaptations, laws, both in general and in those particular departments in which you may feel any special interest; think, muse, meditate, reason, give yourself up to the influx of new ideas; plan; adapt ways and means to ends; endeavor to think up the best ways and means of overcoming difficulties and bringing about results; especially study Phrenology and its philosophy, for nothing is equally suggestive of original ideas, or as explanative of nature's laws and first principles.

TO RESTRAIN—which is rarely necessary—divert your mind from abstract thought by engaging more in the practical and real, nor allow any one thing, as inventing perpetual motion, or reasoning on any particular subject, to engross too much attention.

37.—COMPARISON.

Inductive reasoning; ability and disposition to analyze, classify, compare, draw inferences, etc. Adapted to nature's classifications of all her works. Perverted, is too redundant in proverbs, fables, and figures of speech.

VERY LARGE.—Possess this analyzing, criticising, and inductive faculty in a truly wonderful degree; illustrate with great clearness and facility from the known to the unknown; discover the deeper analogies which pervade nature, and have an extraordinary power of discerning new truths; with large Individuality, Eventuality, and activity, have a great faculty of making discoveries; with large Language, use words in their exact meaning, a natural philologist; with full Language, explain things plausibly and correctly.

LARGE.—Reason clearly and correctly from conclusions and scientific facts up to the laws which govern them; discern the known from the unknown; detect error by its incongruity with facts; have an excellent talent for comparing, explaining, expounding, criticising, exposing, etc.; employ similes and metaphors well; put this and that together, and draw correct inferences from them; with large Continuity, use well-sustained figures of speech, but with small Continuity, drop the figure before it is finished; with large Individuality, Eventuality, activity, and power, have a scientific cast of mind; with large Veneration, reason about God and his

works; with large Language, use words in their exact signification; with large Mirthfulness, strike the nail upon the head in all criticisms, and hit off the oddities of people to admiration; with large Ideality, evince beauty, taste, and propriety of expression, etc.

FULL.—Possess a full share of clearness and demonstrative power, yet with large Causality, and only moderate Language, can not explain to advantage; with large Eventuality, reason wholly from facts; with moderate Language, fail in giving the precise meaning to words; and make good analytical discriminations.

AVERAGE.—Show this talent in a good degree in conjunc-



Fig. 99.—LARGE.



Fig. 100.—SMALL.

tion with the larger organs, but poorly in reference to the smaller ones.

MODERATE.—Rather fail in explaining, clearing up points, putting things together, drawing inferences, and even use words incorrectly; with Individuality and Eventuality moderate, show much mental weakness; with large Causality, have good ideas, but make wretched work in expressing them, and can not be understood; with Mirthfulness full or large, try to make jokes, but they are always ill-timed and inappropriate.

SMALL.—Have a poor talent for drawing inferences; lack appropriateness in everything, and should cultivate this faculty.

VERY SMALL.—Have little, and show almost none, of this element.

TO CULTIVATE.—Put this and that together, and draw inferences; spell out truths and results from slighter data; observe effects, with a view to deduce conclusion therefrom; study logic and metaphysics, theology and ethics included, and draw nice discriminations; explain and illustrate your ideas clearly and copiously, and exercise it in whatever form circumstances may require.

TO RESTRAIN.—Keep back redundant illustrations and amplifications, and be careful to base important deductions on data amply sufficient.

C.—HUMAN NATURE.

Discernment of character; perception of motives; intuitive physiognomy. Adapted to man's need of knowing his fellow-men. Perverted, it produces suspiciousness.



Fig. 101.—**LARGE.**



Fig. 102.—**SMALL.**

VERY LARGE.—Form a correct judgment as to the character; with Individuality and Comparison large, notice all at the first glance as if by intuition; may also trust first impressions; a natural physiognomist; and with Agreeableness large, know just when and how to take men, and hoodwink if they choose; and with Secretiveness added, but Conscientiousness moderate, are oily and palavering, and flatter

their victim—that, serpent-like, salivate before they swallow; with Comparison and organic quality large or very large, dearly love the study of human nature, practically and theoretically, and therefore of mental philosophy and Phrenology, etc.

LARGE.—Read men intuitively from their looks, conversation, manners, and walk, and other kindred signs of character; with Individuality and Comparison large, notice all the little things they do, and form a correct estimate from them, and should follow first impressions respecting persons; with full Secretiveness and large Benevolence added, know just how to take men, and possess much power over mind; with Mirthfulness and Ideality large, see all the faults of people, and make much fun over them; with Comparison large, have a talent for metaphysics, etc.

FULL.—Read character quite well from the face and external signs, yet are sometimes mistaken; may generally follow first impressions safely; love to study character; with Ideality and Adhesiveness large, appreciate the excellences of friends; with Parental Love large, of children; with Combativeness and Conscientiousness very large, all the faults of people; and with only average Adhesiveness, form few friendships, in consequence of detecting so many blemishes in character, etc.

AVERAGE.—Have fair talents for reading character, yet not extra, and should cultivate it.

MODERATE.—Fail somewhat in discerning character; occasionally form wrong conclusions concerning people; should be more suspicious, watch people closely, especially those minor signs of character dropped when off their guard; have ill-timed remarks and modes of addressing people, and often say and do things which have a different effect from that intended.

SMALL.—Are easily imposed upon by others; with large Conscientiousness and small Secretiveness, think everybody tells the truth; are too confiding, and fail sadly in knowing where and how to take things.

VERY SMALL.—Know almost nothing about human nature.

TO CULTIVATE.—Scan closely all the actions of men, with a view to ascertain their motives and mainsprings of action; look with a sharp eye at man, woman, child, all you

meet, as if you would read them through; note particularly the expression of the eye, as if you would imbibe what it signifies; say to yourself. What faculty prompted this expression or that action; drink in the general looks, attitude, natural language, and manifestation of the man, and yield yourself to the impressions naturally made on you—that is, study human nature both as a philosophy and as a sentiment, or as if being impressed thereby; especially study Phrenology, for no study of human nature at all compares with it, and be more suspicious.

TO RESTRAIN.—Be less suspicious, and more confidential.

D.—AGREEABLENESS.

Persuasiveness, pleasantness, blandness. Adapted to please and win others.



Fig. 103.—LARGE.



Fig. 104.—SMALL.

VERY LARGE.—Are peculiarly winning and fascinating in manners and conversation, and delight even opponents.

LARGE.—Have a pleasing, persuasive, conciliatory mode of addressing people, and of saying things; with Adhesiveness and Benevolence large, are generally liked; with Comparison and Human Nature large, say unacceptable things in an acceptable manner, and sugar over expressions and actions.

FULL.—Are pleasing and persuasive in manner, and with Ideality large, polite and agreeable, except when the repelling

faculties are strongly excited; with small Secretiveness, and strong Combativeness and activity, are generally pleasant, but when angry are sharp and blunt; with large Benevolence, Adhesiveness, and Mirthfulness, are excellent company.

AVERAGE.—Have a good share of pleasantness in conversation and appearance, except when the selfish faculties are excited, but are then repulsive.

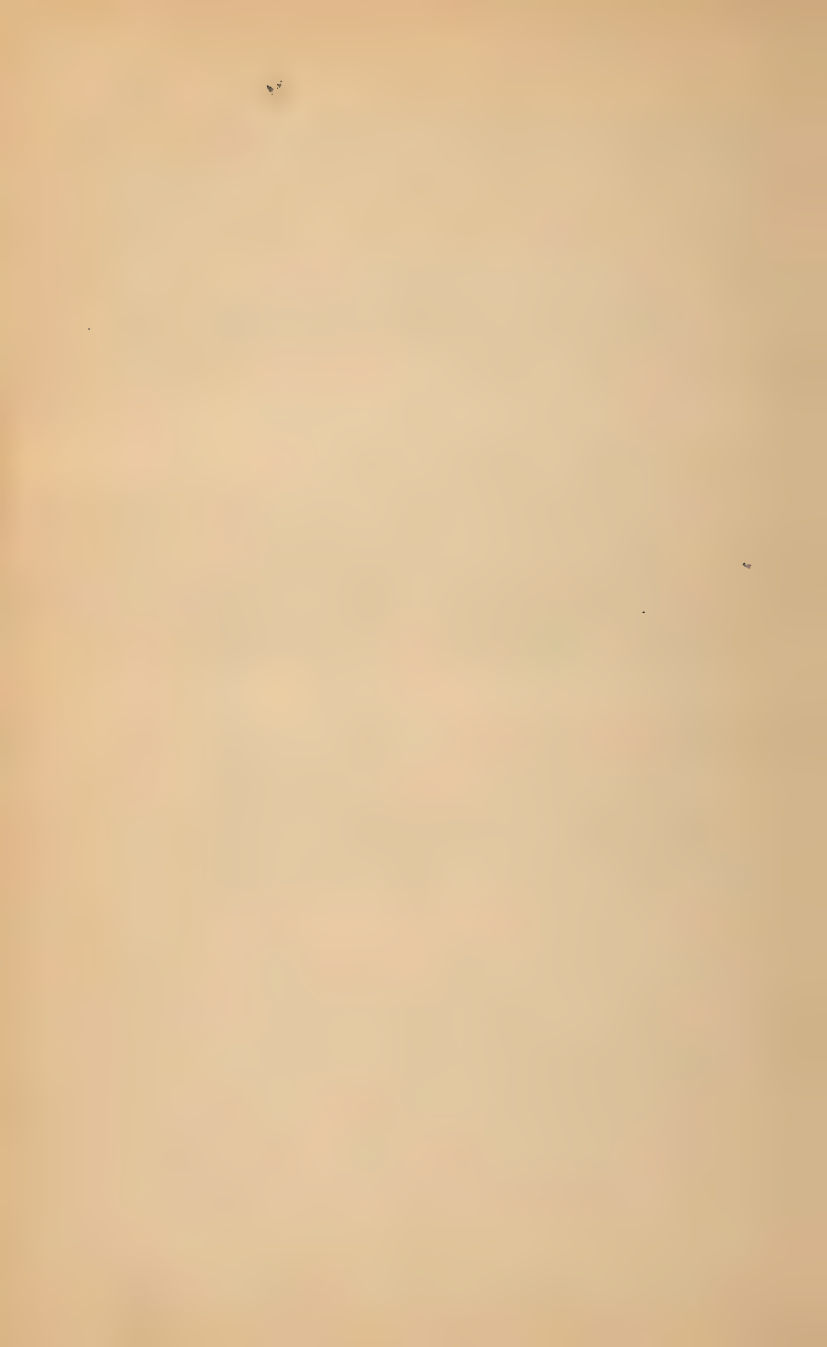
MODERATE.—Are rather deficient in the pleasant and persuasive, and should by all means cultivate this faculty by smoothing over all said and done.

SMALL.—Say even pleasant things very unpleasantly, and fail sadly in winning the good graces of people.

VERY SMALL.—Are almost totally deficient in this faculty.

TO CULTIVATE.—First try to feel agreeable, and express those feelings in as pleasant and bland a manner as possible; study and practice politeness as both an art and a science; compliment what in others you can find worthy, and render yourself just as acceptable to those around you as lies in your power.

TO RESTRAIN is rarely necessary.



RULES FOR FINDING THE ORGANS.

Whoever has this book, will have, following the title page, the large picture of the head, phrenologically divided and the organs named. And in a well-proportioned and well-balanced head the organs will be found located about as they are in this figure of the perfect head. Some nationalities have longer and some broader and shorter heads, and one has to study the anatomical peculiarities of the heads, to re-locate the organs. We recommend the study of this head to all who want to study real heads.

It should be understood that the brain is composed of two hemispheres, or halves, the right and the left, and that the organs are double, one being situated in each hemisphere of the brain, and corresponding in position to each other. The organs located in the middle line, from the root of the nose to the back of the head, where the two halves of the brain lie together, are double. They are the same, as they are located, one on each of the line. In looking at the phrenological head, on page 3, the organs Benevolence, Veneration and Self-Esteem and others all the way over seem to be narrow, but that is in consequence of the fact that we are looking at them in perspective. Imagine another just such picture brought against the other side of this, and there would be another row of organs of the same name lying side by side with these.

Cautiousness, Combativeness, Alimentiveness, and all the organs on the side head are situated alike on both sides. So, on each half of the brain, dividing it from front to rear, each organ is represented.

If one draws an imaginary line from the opening of the ear to the top of the head, it will be found to rest on the front part of Firmness. From Firmness, Self-Esteem and Veneration and Conscientiousness can be located.

Observe where Cautiousness is situated on this bust picture, and then look at the cut illustrating Cautiousness and observe

the width of the head at that point; that width shows large Caution.

Between the organ of Caution and Self-Esteem Approbateness is located, and Self-Esteem occupies, on a full-sized head, fully two inches in width.

On the bust picture, draw or imagine a line from the opening of the ear to the place where Benevolence is situated, and apply that thought and that line to the living head, and Veneration, between Benevolence and Firmness, can readily be located.

To locate Parental Love, observe the sharp, bony point which some people have quite prominently developed, in the middle of the lower part of the back head; it is called the occipital spine. This corresponds to the base of the cerebrum or large brain. People come to us asking what "bump" that is; another will tell us that it was made by falling on the ice; he never noticed it before, and it didn't go away; the truth is, he didn't know he had it, till, by falling on the ice, this sharp point cut a hole through the scalp, making it feel very sore, and by continually examining it he thought as it didn't go away and he never noticed it before, it must have been made by the fall. Perhaps one half of the heads will not show that very distinctly. The object of that point is to aid in the fastening of the muscles of the back of the neck to the skull. Just above this point is located Philoprogenitiveness, and below that point, Amativeness is located, and it widens from the center almost around to the ears. In the skull, (Fig. 6.) just below and back of the opening of the ear, will be found a bony bunch or prominence. If the reader will put his fingers behind the lower part of his ear he will find the same bone, which projects entirely below the brain, and its object is the fastening of the muscle of the side of the neck, called the sterno-clido-mastoidean muscle and the bone is called the mastoid process of the temporal bone. Many people think that this is the organ of Combativeness. Thirty years ago a medical student came in to brow-beat us, and said that we didn't know any better than to locate Combativeness in the mastoid process; we suppose somebody told him so, and he had the luck and the ill-luck to ventilate his ignorance where he could be instructed.

When we have located Parental Love, Firmness and

Benevolence on the central line of the head from the root of the nose over, we then locate Individuality, above the root of the nose, and there are three organs between Individuality and Benevolence.

Drawing a line directly upward from the opening of the ear, it crosses Destructiveness and Secretiveness, the first located directly above the opening of the ear. Destructiveness is indicated by wideness of the head from side to side, so is Secretiveness and Cautiousness, yet the true way to study the line of development of the organs is to draw an imaginary line from the opening of one ear to that of the other, through the head, and half way between the opening of the ears, the capital of the spinal cord would be found, which is called the medulla oblongata. The direction of the development of the organs should be in a line from that central point, or half way between the ears to the location of the organs on the head, so that if we increase the size of Destructiveness, it throws the organ directly on a level, away from the center of the brain, that of Secretiveness a little upward from the level and Cautiousness still more upward and a little backward; then the development of Self-Esteem will be upward and backward, as Firmness will be upward, and Benevolence upward and forward, and Parental Love nearly on a level backward, a little above, however, the line of the level. If one will take the living head or the phrenological bust, and point with a pencil from the center of any organ towards this central point of the brain the direction of the development of Cautiousness will be upward, outward and backward. The direction of Amativeness is downward and backward.

Do not look for bumps or protuberances; look for distance from a point half way between the opening of the ears to the location of the organ; the best heads are as smooth as a billiard ball, and if the organs are equally developed, there is no occasion for hills and hollows. In Acquisitiveness, study for wideness and for a slightly upward and forward direction; viewing the head from the front, Constructiveness and Ideality show wideness and fullness from side to side; the organs along the top head on each side of the line of Benevolence, Veneration and Firmness if large, will level up the top head. Notice Figs. 51 and 52.

The organs of Mirthfulness, Ideality, Sublimity and Cautiousness, fill up the upper, outer corner of the head, so to speak, and give it width on the top and squareness. See Fig. 37, how broad the side head, how low and narrow the top head, the selfish propensities in the side head being enormously developed, the moral and esthetical faculties being deficient. See the contrast with Fig. 38. In Fig. 53 we have the moral organs large, and the organs in the side head deficient so that the head looks flattened on the sides in contrast with Fig. 54. Approbativeness gives broadness, elevation, an outward and backward and upward development of the region of its location on either side of Self-Esteem. See Figs. 47 and 48. When Self-Esteem is larger than Approbativeness, the head slopes each way rapidly; when Approbativeness is much larger than Self-Esteem, there is a flat or level spot clear across the head, Self-Esteem, which should be the keystone of the arch, is depressed while the outer portions at Approbativeness are elevated. But the observer should study distance from the center of the brain to the location of the organs on the head, and not study hills and hollows.

In this work the organs are all illustrated and the location of each organ is indicated by a dash or a plus.

Fowler & Wells Co., Publishers, 775 Broadway, N. Y.

PHRENOLOGY AND PHYSIOGNOMY.

Phrenological Journal and Science of HEALTH.—Devoted to Ethnology, Physiology, Phrenology, Physiognomy, Psychology, Sociology, Biography, Education, Literature, etc., with Measures to Reform, Elevate, and Improve Mankind Physically, Mentally, and Spiritually. Monthly, \$2.00 a year; 20c. a number. Bound vols. \$3.00.

Expression; its Anatomy and Philosophy. Illustrated by Sir Charles Bell. Additional Notes and Illustrations by SAMUEL R. WELLS. \$1.

Education of the Feelings and Affections. Charles Bray. Edited by NELSON SIZER. Cloth, \$1.50.

This work gives full and definite directions for the cultivation or restraining of all the faculties relating to the feelings or affections.

Combe's System of Phrenology; With 100 Engravings. \$1.25.

Combe's Constitution of Man; Considered in Relation to external objects. With twenty engravings, and portrait of author. \$1.25.

The "Constitution of Man" is a work with which every teacher and every pupil should be acquainted.

Combe's Lectures on Phrenology; with Notes, an Essay on the Phrenological Mode of Investigation, and an Historical Sketch, by A. BOARDMAN, M.D. \$1.25.

Combe's Moral Philosophy; or, the Duties of Man considered in his Individual, Domestic, and Social Capacities. \$1.25.

How to Study Character; or, the TRUE BASIS FOR THE SCIENCE OF MIND. Including a Review of Bain's Criticism of Phrenology. By THOS. A. HYDE. 50c.; clo. \$1.00.

New Descriptive Chart, for the Use of examiners in the Delineation of Character. By S. R. WELLS. 25c.

New Physiognomy; or, Signs of CHARACTER, as manifested through Temperament and External Forms, and especially in the "Human Face Divine." With more than One Thousand Illustrations. By Samuel R. Wells. In one 12mo volume, 768 pages, muslin, \$5.00; in heavy calf, marbled edges, \$8.00; Turkey morocco, full gilt, \$10.00.

"The treatise of Mr. Wells, which is admirably printed and profusely illustrated, is probably the most complete hand-book upon the subject in the language."—*N. Y. Tribune.*

How to read Character.—A new illustrated Hand-book of Phrenology and Physiognomy, for Students and Examiners, with a chart for recording the sizes of the different Organs of the brain in the Delineation of Character; with upward of 170 Engravings. By S. R. WELLS. \$1.25.

Wedlock; or, The Right Relations OF THE SEXES. Disclosing the Laws of Conjugal Selection, and showing Who May Marry. By S. R. WELLS. \$1.50; gilt, \$2.00.

Brain and Mind; or, Mental Science Considered in Accordance with the Principles of Phrenology and in Relation to Modern Physiology. H. S. DRAYTON M. D., AND J. McNEIL. \$1.50.

This is the latest and best work published. It constitutes a complete textbook of Phrenology, is profusely illustrated, and well adapted to the use of students.

Indications of Character, as manifested in the general shape of the head and the form of the face. H. S. DRAYTON, M. D. Illus. 25c.

How to Study Phrenology.—With Suggestions to Students, Lists of Best Works, Constitutions for Societies, etc. 12mo, paper, 10c.

PHRENOLOGY AND PHYSIOGNOMY.

Choice of Pursuits; or, What to Do AND WHY. Describing Seventy-five Trades and Professions, and the Temperaments and Talents required for each. With Portraits and Biographies of many successful Thinkers and Workers. By Nelson Sizer. \$2.00

How to Teach According to TEMPERAMENT AND MENTAL DEVELOPMENT or, Phrenology in the School-room and the Family. By Nelson Sizer. Illustrated. \$1.50.

Forty Years in Phrenology.—Embracing Recollections of History, Anecdotes and Experience. \$1.50.

Thoughts on Domestic Life; or, Marriage Vindicated and Free Love Exposed. 25c.

Catechism of Phrenology.—Illustrating the Principles of the Science by means of Questions and Answers. Revised and enlarged by Nelson Sizer. 50c.

Heads and Faces; How to Study THEM. A Complete Manual of Phrenology and Physiognomy for the People. By Prof. Nelson Sizer and H. S. Drayton, M.D. Nearly 200 octavo pages and 200 illustrations, price in paper, 40c.; ex. clo. \$1.00.

All claim to know something of How to Read Character, but very few understand all the Signs of Character as shown in the Head and Face. This is a study of which one never tires; it is always fresh, for you have always new text-books. The book is really a great Album of Portraits, and will be found of interest for the illustrations alone.

Memory and Intellectual Improvement, applied to Self-Education and Juvenile Instruction. By O. S. FOWLER. \$1.00.

The best work on the subject.

Hereditary Descent.—Its Laws and Facts applied to Human Improvement. By O. S. Fowler. Illustrated. \$1.00.

The Science of the Mind applied to TEACHING: Including the Human Temperaments and their influence upon the Mind; The Analysis of the Mental Faculties and how to develop and train them; The Theory of Education and of the School, and Normal Methods of teaching the common English branches. By Prof. U. J. HORMAN. Profusely illustrated. \$1.50.

Reminiscences of Dr. SPURZHEIM AND GEORGE COMBE, and a Review of the Science of Phrenology from the period of its discovery by Dr. GALL to the time of the visit of GEORGE COMBE to the United States, with a portrait of Dr. SPURZHEIM, by NAHUM CAPEN, L.L.D. Ex. clo. \$1.25.

Education and Self-Improvement COMPLETE; Comprising "Physiology, Animal and Mental," "Self-culture and Perfection of Character," "Memory and Intellectual Improvement." By O. S. FOWLER. One large vol. illus. \$3.00.

Self-Culture and Perfection of CHARACTER; Including the Management of Children and Youth. \$1.00.

One of the best of the author's works.

Physiology, Animal and Mental: Applied to the Preservation and Restoration of Health of Body and Power of Mind. \$1.00.

Phrenology Proved, Illustrated, and APPLIED. Embracing an Analysis of the Primary Mental Powers in their Various Degrees of Development, and location of the Phrenological Organs. The Mental Phenomena produced by their combined action, and the location of the faculties amply illustrated. By the Fowler Brothers. \$1.25.

Self-Instructor in Phrenology and PHYSIOLOGY. With over One Hundred Engravings and a Chart for Phrenologists, for the Recording of Phrenological Development. By the Fowler Brothers. 75c.

PHRENOLOGY AND PHYSIOGNOMY.

Phrenological Miscellany of Illustrated ANNUALS OF PHRENOLOGY AND PHYSIOGNOMY, from 1865 to 1873 combined in one volume, containing over 400 illustrations, many portraits and biographies of distinguished personages. \$1.50.

Redfield's Comparative Physiognomy; or, resemblances Between Men and Animals. Illustrated. \$2.50.

Phrenology and the Scriptures.—Showing the Harmony between Phrenology and the Bible. 15 cents.

Phrenological Chart. A Symbolical Head 12 inches across, Lithographed in colors, on paper 19 x 24 inches, mounted for hanging on the wall, or suitable for framing. \$1.00.

Education; its Elementary Principles FOUNDED ON THE NATURE OF MAN. By J. G. Spurzheim, \$1.25.

Natural Laws of Man.—A Philosophical Catechism. Sixth Edition. Enlarged and improved by J. G. Spurzheim, M.D. 50 cents.

Lectures on Mental Science.—According to the Philosophy of Phrenology. Delivered before the Anthropological Society. By Rev. G. S. Weaver. Illustrated. \$1.00.

Phrenological Bust.—Showing the latest classification and exact location of the Organs of the Brain. It is divided so as to show each individual Organ on one side; with all the groups—Social, Executive, Intellectual, and Moral—classified, on the other. Large size (not mailable) \$1. Small 50 cents.

WORKS ON MAGNETISM.

There is an increasing interest in the facts relating to Magnetism, etc., and we present below a list of Works on this subject.

Library of Mesmerism and Psychology.—Comprising the Philosophy of Mesmerism, Clairvoyance, Mental Electricity. — **FASCINATION**, or the Power of Charming. Illustrating the Principles of Life in connection with Spirit and Matter. — **THE MACROCOSM**, or the Universe Without, being an unfolding of the plan of Creation and the Correspondence of Truths. — **THE PHILOSOPHY OF ELECTRICAL PSYCHOLOGY**: the Doctrine of Impressions, including the connection between Mind and Matter, also, the Treatment of Diseases. — **PSYCHOLOGY**, or the Science of the Soul, considered Physiologically and Philosophically; with an Appendix containing Notes of Mesmeric and Psychical experience and Illustrations of the Brain and Nervous System. \$3.50.

Philosophy of Mesmerism.—By Dr. John Bovee Dods. 50 cents.

Philosophy of Electrical Psychology, A course of Twelve Lectures. \$1.00.

Practical Instructions in Animal MAGNETISM. By J. P. F. Deleuze. Translated by Thomas C. Hartshorn. New and Revised edition, with an appendix of notes by the Translator, and Letters from Eminent Physicians, and others. \$2.00.

History of Salem Witchcraft.—A review of Charles W. Upham's great Work from the *Edinburgh Review*, with Notes by Samuel R. Wells, containing, also, The Planchette Mystery, Spiritualism, by Mrs. Harriet Beecher Stowe, and Dr. Doddridge's Dream. \$1.00.

Fascination; or, the Philosophy of CHARMING. Illustrating the Principles of Life in connection with Spirit and Matter. By J. B. Newman, M.D. \$1.00.

How to Magnetize, or Magnetism AND CLAIRVOYANCE.—A Practical Treatise on the Choice, Management and Capabilities of Subjects, with Instructions on the Method of Procedure. By J. V. Wilson 25c.

HEALTH BOOKS.

This List Comprises the Best Works on Hygiene, Health, Etc.

Health in the Household, or HYGIENIC COOKERY; by Susanna W. Dodds, M. D. 12mo. ex. clo, \$2.00.

A novice in housekeeping will not be puzzled by this admirable book, it is so simple, systematic, practical and withal productive of much household pleasure, not only by means of the delicious food prepared from it recipes, but through the saving of labor and care to the housewife.

Household Remedies.—For the prevalent Disorders of the Human Organism, by Felix Oswald, M. D. 12mo. pp. 229, \$1.00.

The author of this work is one of the keenest and most critical writers on medical subjects now before the public; he writes soundly and practically. He is an enthusiastic apostle of the gospel of hygiene. We predict that his book will win many converts to the faith and prove a valuable aid to those who are already of the faith but are asking for "more light."

Among the special ailments herein considered are Consumption, Asthma, Dyspepsia, Climatic Fevers, Enteric Disorders, Nervous Maladies, Catarrh, Pleurisy, etc.

The Temperaments, or VARIETIES OF PHYSICAL CONSTITUTION IN MAN, considered in their relation to Mental Character and Practical Affairs of Life. With an Introduction by H. S. Drayton, A. M., Editor of the PHRENOLOGICAL JOURNAL. 150 Portraits and other illustrations, by D. H. Jacques, M. D. \$1.50.

How to Grow Handsome, or HINTS TOWARD PHYSICAL PERFECTION, and the Philosophy of Human Beauty, showing How to Acquire and Retain Bodily Symmetry, Health and Vigor, secure long life and avoid the infirmities and deformities of age. New Edition, \$1.00.

Medical Electricity.—A Manual for Students, showing the most Scientific and Rational Application to all forms of Diseases, of the different combinations of Electricity, Galvanism, Electro-Magnetism, Magneto-Electricity, and Human Magnetism, by W. White, M. D. \$1.50.

The Man Wonderful in the House BEAUTIFUL.—An allegory teaching the Principles of Physiology and Hygiene, and the effects of Stimulants and Narcotics, by Drs. C. B. and Mary A. Allen. \$1.50.

To all who enjoy studies pertaining to the human body this book will prove a boon. The accomplished physician, the gentle mother, the modest girl, and the wide-awake school-boy will find pleasure in its perusal. It is wholly unlike any book previously published on the subject, and is such a thorough teacher that progressive parents cannot afford to do without it.

The Family Physician.—A Ready Prescriber and Hygienic Adviser, With Reference to the Nature, Causes, Prevention and Treatment of Diseases, Accidents and Casualties of every kind, with a Glossary and copious Index. Illustrated with nearly three hundred engravings, by Joel Shew, M. D. \$3.

How to Feed the Baby to Make her HEALTHY AND HAPPY, by C. E. Page, M. D. 12mo., third edition, revised and enlarged. Paper, 50c. extra cloth, 75c.

This is the most important work ever published on the subject of infant dietetics.

The Natural Cure of Consumption, Constipation, Bright's Disease, Neuralgia, Rheumatism, Colds, Fevers, etc. How these Disorders Originate, and How to Prevent Them. By C. E. Page, M. D., cloth, \$1.00.

Horses, THEIR FEED AND THEIR FEET. A Manual of Horse Hygiene. Invaluable to the veteran or the novice, pointing out the true sources of disease, and how to prevent and counteract them. By C. E. Page, M. D. Paper 50c.; cloth 75c.

This is the best book on the care of horses ever published, worth many times its cost to every horse owner.

HEALTH BOOKS.

The Movement Cure.—The History and Philosophy of this System of Medical Treatment, with examples of Single Movements, The Principles of Massage, and directions for their Use in various Forms of Chronic Diseases. New edition by G. H. Taylor, M. D. \$1.50.

Massage.—Giving the Principles and directions for its application in all Forms of Chronic Diseases, by G. H. Taylor, M. D. \$1.00.

The Science of a New Life.—By John Cowan, M. D. Ex. clo. \$3.00.

Tobacco: ITS PHYSICAL, INTELLECTUAL AND MORAL EFFECTS ON THE HUMAN SYSTEM, by Dr. Alcott. New and revised edition with notes and additions by N. Sizer. 25c.

Sober and Temperate Life.—The Discourses and Letters of Louis Cornaro on a Sober and Temperate Life. 50c.

Smoking and Drinking. By James Parton. 50c.; cloth, 75c.

Food and Diet. With observations on the Dietetical Regimen, suited for Disordered States of the Digestive Organs, by J. Pereira, M. D., F.R.S. \$1.50.

Principles Applied to the Preservation of HEALTH and the Improvement of Physical and Mental Education, by Andrew Combe, M. D. Illustrated, cloth, \$1.50.

Water Cure in Chronic Diseases. An Exposition of the Causes, Progress, and Termination of various Chronic Diseases of the Digestive Organs, Lungs, Nerves, Limbs and Skin, and of their Treatment by Water and other Hygienic Means. By J. M. Gully, M. D. \$1.25.

Science of Human Life. With a copious Index and Biographical Sketch of the author, Sylvester Graham. Illustrated, \$3.00.

Management of Infancy, Physiological AND MORAL TREATMENT. With Notes and a Supplementary Chapter, \$1.25.

Diet Question.—Giving the Reason Why, from "Health in the Household," by S. W. Dodds, M. D. 25c.

Health Miscellany.—An important collection of Health Papers. Nearly 100 octavo pages. 25c.

How to Be Well, or Common Sense MEDICAL HYGIENE. A book for the People, giving directions for the Treatment and Cure of Acute Diseases without the use of Drug Medicines; also General Hints on Health. \$1.00.

Foreordained.—A Story of Heredity and of Special Parental Influences, by an Observer. 12mo. pp. 90. Paper, 50c.; extra cloth, 75c.

Consumption, its Prevention and Cure by the Movement Cure. 25c.

Notes on Beauty, Vigor and Development; or, How to Acquire Plumpness of Form, Strength of Limb and Beauty of Complexion. Illustrated. 10c.

Tea and Coffee.—Their Physical, Intellectual and Moral Effects on the Human System, by Dr. Alcott. New and revised edition with notes and additions by Nelson Sizer. 25c.

Accidents and Emergencies, a guide containing Directions for the Treatment in Bleeding, Cuts, Sprains, Ruptures, Dislocations, Burns and Scalds, Bites of Mad Dogs, Choking, Poisons, Fits, Sunstrokes, Drowning, etc., by Alfred Smee, with Notes and additions by R. T. Trall, M. D. New and revised edition. 25c.

Special List.—We have in addition to the above, Private Medical Works and Treatises. This Special List will be sent on receipt of stamp.

WORKS ON HYGIENE BY R. T. TRALL, M. D.

These works may be considered standard from the reformatory hygienic standpoint. Thousands of people owe their lives and good health to their teaching.

Hydropathic Encyclopedia.—A System of Hydropathy and Hygiene. Physiology of the Human Body; Dietetics and Hydropathic Cookery; Theory and Practice of Water-Treatment; Special Pathology and Hydro-Therapeutics, including the Nature, Causes, Symptoms and Treatment of all known diseases; Application of Hydropathy to Midwifery and the Nursery with nearly One Thousand Pages, including a Glossary. 2 vols. in one. \$4.

Hygienic Hand-Book.—Intended as a Practical Guide for the Sick-room. Arranged Alphabetically. \$1.25.

Illustrated Family Gymnasium.—Containing the most improved methods of applying Gymnastic, Calisthentic, Kinesipathic and Vocal Exercises to the Development of the Bodily Organs, the invigoration of their functions, the preservation of Health, and the Cure of Diseases and Deformities. \$1.25.

The Hydropathic Cook-Book, with Recipes for Cooking on Hygienic Principles. Containing also, a Philosophical Exposition of the Relations of Food to Health; the Chemical Elements and Proximate Constitution of Alimentary Principles; the Nutritive Properties of all kinds of Aliments; the Relative value of Vegetable and Animal Substances; the Selection and Preservation of Dietetic Material, etc. \$1.00.

Fruits and Farinacea the Proper Food of Man.—Being an attempt to prove by History, Anatomy, Physiology, and Chemistry that the Original, Natural and Best Diet of Man is derived from the Vegetable Kingdom. By John Smith. With Notes by Trall. \$1.25.

Digestion and Dyspepsia.—A Complete Explanation of the Physiology

of the Digestive Processes, with the Symptoms and Treatment of Dyspepsia and other Disorders. Illustrated. \$1.00.

The Mother's Hygienic Hand-Book for the Normal Development and Training of Women and Children, and the Treatment of their Diseases. \$1.00.

Popular Physiology.—A Familiar Exposition of the Structures, Functions and Relations of the Human System and the Preservation of Health. \$1.25.

The True Temperance Platform.—An Exposition of the Fallacy of Alcoholic Medication. 50 cents.

The Alcoholic Controversy.—A Review of the *Westminster Review* on the Physiological Errors of Teetotalism. 50 cents.

The Human Voice.—Its Anatomy, Physiology, Pathology, Therapeutics and Training, with Rules of Order for Lyceums. 50 cents.

The True Healing Art: OR, HYGIENIC vs. Drug Medication. An Address delivered before the Smithsonian Institute, Washington, D. C. 25 cts.; clo., 50 cents.

Water-Cure for the Million.—The processes of Water-Cure Explained, Rules for Bathing, Dieting, Exercising, Recipes for Cooking, etc., etc. Directions for Home Treatment. Paper, 15 cts.

Hygeian Home Cook-Book: OR, HEALTHFUL AND PALATABLE FOOD WITHOUT CONDIMENTS. 25 cts.; clo., 50 cents.

Diseases of Throat and Lungs.—Including Diphtheria and its Proper Treatment. 25 cents.

The Bath.—Its History and Uses in Health and Disease. 25c.; clo., 50c.

A Health Catechism.—Questions and Answers. With Illus. 10 c.

MISCELLANEOUS WORKS.

- Hand-Books for Home Improvement (EDUCATIONAL);** comprising, "How to Write," "How to Talk," "How to Behave," and "How to do Business." One 12mo vol., \$2.00.
- How to Write.**—A Manual of Composition and Letter-Writing. 60c.
- How to Talk.**—A Pocket Manual of Conversation and Debate, more than Five Hundred Common Mistakes in Speaking Corrected. 60c.
- How to Behave.**—A Pocket Manual of Republican Etiquette and Guide to Correct Personal Habits, with Rules for Debating Societies and Deliberative Assemblies. 60c.
- How to Do Business.**—A Manual of Practical Affairs, and a Guide to Success in Life, with a Collection of Legal and Commercial Forms. 60c.
- How to Read.**—What and Why; or, Hints in Choosing the Best Books, with a Classified List of Best Works in Biography, Criticism, Fine Arts, History, Novels, Poetry, Science, Religion, Foreign Languages, etc. By A. V. Pettit. Cloth, 60c.
- How to Sing; or, the Voice and How to Use it.** By William H. Daniell. 50c.; clo., 75c.
- How to Conduct a Public Meeting; or the Chairman's Guide for Conducting Meetings.** 15c.
- Hopes and Helps for the Young of BOTH SEXES.**—Relating to the Formation of Character, Choice of Avocation, Health, Amusement, Music, Conversation, Social Affections, Courtship and Marriage, by Rev. G. S. Weaver. \$1.00.
- Aims and Aids for Girls and Young WOMEN,** on the Various Duties of Life. Including Physical, Intellectual and Moral Development, Dress, Beauty, Fashion, Employment, Education, the Home Relations, their Duties to Young Men, Marriage, Womanhood and Happiness, by the same. \$1.00.
- Ways of Life,** showing the Right Way and the Wrong Way Contrasting the High Way and the Low Way; the True Way and the False Way; the Upward Way and the Downward Way; the Way of Honor and of Dishonor, by Rev. G. S. Weaver. 75c.
- The Christian Household.**—Embracing the Husband, Wife, Father, Mother, Child, Brother and Sister, by Rev. G. S. Weaver. 75c.
- Weaver's Works for the Young,** Comprising "Hopes and Helps for the Young of Both Sexes," "Aims and Aids for Girls and Young Women," "Ways of Life; or, the Right Way and the Wrong Way." One vol. 12mo. \$2.50.
- A Natural System of Elocution and ORATORY.**—Founded on an analysis of the Human Constitution, considered in its threefold Nature, Mental, Physiological and Expressional. By THOS. A. HYDE and WM. HYDE. Illustrated. \$2.00.
- The Emphatic Diaglott,** Containing the Original Greek Text of THE NEW TESTAMENT, with an interlineary Word-for-Word English Translation; a New Emphatic Version based on the Interlineary Translation, on the Readings of the Vatican Manuscript, by Benjamin Wilson. 884 pp., \$4.00; ex., \$5.00.
- A Bachelor's Talks about Married LIFE AND THINGS ADJACENT,** by Rev. William Aikman, D.D. \$1.50.
- Life at Home; or, The Family and its Members.** Including Husbands and Wives, Parents, Children Brothers, Sisters, Employers and Employed. The Altar in the House, by Dr. Aikman, \$1.50; gilt, \$2.00.
- A Lucky Waif.**—A Story for Mothers, of Home and School Life, by Ellen E. Kenyon. 12mo \$1.00.
- Oratory—Sacred and Secular; or, the Extemporaneous Speaker.** Including a Chairman's Guide for conducting Public Meetings according to the best Parliamentary forms, by Wm. Pittenger. \$1.00.

MISCELLANEOUS WORKS.

- The Children of the Bible.** By Fanny L. Armstrong, with an Introduction by Frances E. Willard, Pres. N. W. C. T. U. clo., \$1.
- The Temperance Reformation.**—Its History from the first Temperance Society in the U. S. to the Adoption of the Maine Liquor Law. \$1.00.
- Esop's Fables.**—With Seventy Splendid Illustrations. One vol. 12mo, fancy cloth, gilt edges, \$1.00.
- Pope's Essay on Man,** with illustrations and Notes by S. R. Wells. tinted paper, clo. full gilt, \$1.00.
- Gems of Goldsmith;** "The Traveller," "The Deserted Village," "The Hermit." With notes and Original Illustrations, and Biographical Sketch of the great author. One vol., fancy cloth, full gilt, \$1.00.
- The Rime of the Ancient Mariner.** In Seven Parts. By Samuel T. Coleridge. With new illus. by Chapman, fancy clo., full gilt, \$1.00.
- Immortality Inherent in Nature.** By Sumner Barlow, author of "The Voices" and other poems. ex. cloth, full gilt, 60c
- How to Paint.**—A Complete Compendium of the Art. Designed for the use of Tradesmen, Mechanics, Merchants and Farmers, and a Guide to the Professional Painter, Containing a plain Common sense statement of the Methods employed by Painters to produce satisfactory results in Plain and Fancy Painting of every Description, including Gilding, Bronzing, Staining, Graining, Marbling, Varnishing, Polishing, Kalsomining, Paper Hanging, Stripping, Lettering, Copying and Ornamenting, with Formulas for Mixing Paint in Oil or Water. Description of Various Pigments used; tools required, etc. \$1.00.
- Carriage Painter's Illustrated Manual,** containing a Treatise on the Art, Science and Mystery of Coach, Carriage, and Car Painting. Including the Improvements in Fine Gilding, Bronzing, Staining, Varnishing, Polishing, Copying, Lettering, Scrolling, and Ornamenting. By F. B. Gardner. \$1.00.
- How to Keep a Store;** embodying the Experience of Thirty Years, in Merchandizing. By S. H. Terry. \$1.50.
- How to Raise Fruit.**—A Hand-book. Being a Guide to the Cultivation and Management of Fruit Trees, and of Grapes and Small Fruits. With Descriptions of the Best and Most Popular Varieties. Illustrated. By Thomas Gregg. \$1.00.
- How to be Weather-Wise.**—A new View of our Weather System, by I. P. Noyes. 25c.
- How to Live.**—Saving and Wasting; or, Domestic Economy Illustrated by the Life of two Families of Opposite Character, Habits, and Practices, Useful Lessons in House-keeping, and Hints How to Live, How to Have, and How to be Happy, including the Story of "A Dime a Day," by Solon Robinson. \$1.00.
- Homes for All; or the Gravel Wall.** A New, Cheap, and Superior Mode of Building, adapted to Rich and Poor. Showing the Superiority of the Gravel Concrete over Brick, Stone and Frame Houses; Manner of Making and Depositing it. By O. S. Fowler. \$1.00.
- The Model Potato.**—Proper cultivation and mode of cooking. 80c.
- Three Visits to America,** by Emily Faithful. 400 pages. \$1.50.
- A New Theory of the Origin of SPECIES.** By Benj. A. Ferris. \$1.50.
- Man in Genesis and in Geology,** or, the Biblical Account of Man's Creation tested by Scientific Theories of his Origin and Antiquity, by J. P. Thompson, D. D., LL. D. \$1.00.

THE HUMAN NATURE LIBRARY,

DEVOTED TO WHAT MOST CONCERNS

BODY AND MIND.

In this serial is published comprehensive papers on various topics relating to the STUDY OF HUMAN NATURE and the development of character. Each number is complete in itself and devoted to a single subject.

No. 1, April, 1887. SELF-RELIANCE or Self-Esteem as an element in Human Character, its uses and culture. Illustrated. By Prof. Nelson Sizer. 10 cents.

No. 2, July, 1887. PHRENOLOGY; its principles, proofs, etc. A Lecture by Prof. J. F. Tracey. Containing 20 illus. 10 cents.

No. 3, Oct., 1887. PHYSICAL FACTORS IN CHARACTER, or the Influence of Temperament. By H. S. Drayton, M.D. Fully illustrated. 10 cents.

No. 4, Jan., 1888. THE CHOICE OF OCCUPATION, or my Right Place in Life, and How to Find it. By Nelson Sizer. 10 cents.

No. 5, April, 1888. THE SERVANT QUESTION. Hints on the Choosing and Management of Servants. By H. S. Drayton. 10 cents.

No. 6, July, 1888. INVENTIVE GENIUS; or Constructiveness the Basis of Civilization and progress. By Prof. Nelson Sizer. 10 cents.

No. 7, Oct., 1888. INTEGRITY OR CONSCIENTIOUSNESS—Its Nature, and its Influence defined. By H. S. Drayton, M.D. 10 cents.

No. 8, Dec., 1888. WHO SHOULD MARRY; Right Selection in Marriage. The How and the Why. What temperaments and mental characteristics should unite in wedlock. Fully illustrated. By Nelson Sizer. 10 cents.

No. 9, Jan., 1889. A DEBATE AMONG THE MENTAL FACULTIES. By Prof. Nelson Sizer. 10 cents.

No. 10, April, 1889. THE WILL; its Nature and Education. By John W. Shull. 10 cents.

No. 11, July, 1889. AMBITION or Approbativeness as a factor in Character. By Prof. Nelson Sizer. 10 cents.

No. 12. A COMPLETE MAN; How to Educate for Life. By H. S. Drayton, M.D. 10 cents.

Subscription Price, 30c. for four Nos., or 10c. each
by mail, postpaid. Address

FOWLER & WELLS CO., Publishers, 775 Broadway, N. Y.

SHOULD WE MARRY?

ARE WE WELL-MATED?

The most important question in connection with marriage should be in regard to mutual adaptation, physically, mentally and morally. Phrenology explains this, and therefore should be consulted. There are many works on the subject that can be read profitably by all, but the best work specially relating to this is

WEDLOCK;

Or, The Relation of the Sexes.

A Scientific Treatise Disclosing the Laws of Conjugal Selection and Prenatal Influences, also Showing Who Ought and Who Ought Not to Marry. By Samuel R. Wells, author of "New Physiognomy," "How to Read Character," etc. \$1.50; fancy gilt, \$2.

To show something of the character of this work, we copy the following from the table of CONTENTS:

Qualifications for Matrimony; The Right Age to Marry; Motives for Marrying; Marriages of Consanguinity—of Cousins—when Justifiable; Affinities; Courtship—Long or Short; Duty of Parents; Ethes of Marriage; Second Marriages—are they Admissible; Jealousy—Its Causes and Cure; Grounds for Separation and Divorce; Celibacy—Ancient and Modern; Polygamy and Pantagamy; Love Signs in the Features, and How to Read Them by Physiognomy; Sensible Love Letters—Illustrious Examples; The Model Husband and the Model Wife; What Constitutes a True Marriage; The Poetry of Love; Courtship and Marriage; Development and Renewal of the Social Affections; Inordinate Affection; Admiration not Love; Addresses Declined, How to Do It; Matrimonial Bargains; True Beauty; Celibacy and Health; Law of Conjugal Selection; Conjugal Resemblances of Husbands and Wives; Pleasure of Courtship; Confidence in Love; Woman's Constancy; Laws and Remedy for Divorce; Etiquette of Long Engagements; Falling in Love; Whom Great Men Marry; Girls of

the Period; How to Win Love; Honeymoon; Mutual Help; Conjugal Harmony; Hotel and Club Life; Terrible Effects of Morbid Jealousy; Juliet's Confession; Kisses; Declarations of Love; Romantic Love; Second Love; Is Love Unchangeable? Should Parents Interfere? Early Marriage among the Ancients; Motives for it; Marriage Customs; Marriage Defined; Its Legal Aspects; Marriage Ceremonies; Health and Marriage; Hasty Marriages; Marriage Maxims; Marrying for a Home, for Money, for Love, for Beauty; Right Motive for Marrying; Advice to the Married; Matrimonial Fidelity; Legal Rights of Married Women; The Mormon System; Man's Requirements; The Maiden's Choice; Letters of Napoleon; When to Pop the Question; Meddling Relatives; Step-mothers; The Shakers; Singleness; Temptations of the Unmarried; Hereditary Taints; Temperaments; May Women Make Love; Lesson for Wives; Wedding Gifts; Plain Talk with a Young Man; Soliloquy of a Young Lady, and much more, covering the whole ground of Marriage.

Is handsomely printed and beautifully bound. Copies will be sent, post paid on receipt of price, \$1.50; full Gilt edges, \$2.00. Address,

FOWLER & WELLS, CO., Publishers, 775 Broadway, New York

WORKS BY NELSON SIZER.

Choice of Pursuits; or, What to Do and Why, describing Seventy-five Trades and Professions, and the Temperaments and Talents required for each; with Portraits and Biographies of many successful Thinkers and Workers. By NELSON SIZER, Associate Editor of the "PHRENOLOGICAL JOURNAL." President of, and Teacher in, the "American Institute of Phrenology," 12mo, extra cloth, 508 pp. \$2.00.

This work fills a place attempted by no other. Whoever has to earn a living by labor of head or hand, can not afford to do without it.

How to Teach According to Temperament and Mental Development; or, Phrenology in the School-room and the Family. With many illustrations. 12mo, extra cloth, 351 pp. Price, \$1.50.

One of the greatest difficulties in the training of children arises from not understanding their temperament and disposition. This work points out the constitutional differences, and how to make the most of each.

Forty Years in Phrenology. Embracing Recollections of History, Anecdote, and Experience. 12mo, extra cloth, 413 pp. Price, \$1.50.

The volume is filled with history, anecdotes, and incidents pathetic, witty, droll, and startling. Every page sparkles with reality, and is packed with facts too good to be lost.

Heads and Faces; How to Study them. A new Manual of Character Reading for the People, by Professor Nelson Sizer and Dr. H. S. Drayton. It tells all about the subject and contains 200 pages, 250 striking illustrations from life. Paper, 40 cents; cloth, \$1.

Thoughts on Domestic Life; or, Marriage Vindicated and Free Love Exposed. 12mo, paper, 25 cents.

The Education of the Feelings and Affections. By Charles Bray. Edited, with Notes and illustrations from the third London edition, by Nelson Sizer. 12mo, extra cloth, \$1.50.

Tobacco; Its Effects on the Human System, Physical, Intellectual, and Moral. By Dr. William A. Alcott. With Notes, Additions, and Illustrations by Nelson Sizer. 151 pp. Paper, 25 cents.

Tea and Coffee; Their Effects on the Human System, Physical, Intellectual, and Moral. By Dr. William A. Alcott. With Notes, Additions, and Illustrations, by Nelson Sizer. Price, 25 cents.

Self-Reliance or Self-Esteem as an element in Human Character, its uses and culture, 10 cents.

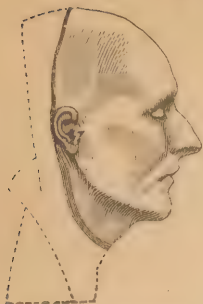
On Choice of Occupation; or, my Right Place in Life, and How to Find it, 10 cents.

Sent by mail, postpaid, to any address. Agents wanted. Address

FOWLER & WELLS CO., Publishers, 775 Broadway, New York

THE PHRENOLOGICAL MUSEUM.

775 BROADWAY, N. Y.



MASK OF NAPOLEON I.

THIS is the only collection of the kind and contains CASTS from Life and BUSTS of hundreds of celebrated people in whom the public are interested. Among others the following of many of these no duplicates are in existence, and the originals have been procured at great expense.

Napoleon, I.; Webster, Lincoln, John C. Calhoun, Henry Clay, Grant, Voltaire, Thos. Paine, Guiteau, Lord Byron, Dante, Bryant, Edison, Huxley, Gen. Hancock, Gerritt Smith, Chastine Cox, Rugg, Idiot Family (Hillings), Laura Bridgeman (deaf, dumb, and blind), Cuvier, Prof. Morse, Edwin Forest, Kean, Walter Scott, Robt. Burns,

John Quincy Adams, Gall, Spurzheim, Dr. Tanner, McClellan, Henry Ward Beecher, Dr. Cox, Dr. Valentine Mott, Mrs. Gottfried (murderess), Salmon P. Chase, Houdans, Washington, Sumner, Cardinal McClosky, Thos. H. Benton, Black Hawk, Aaron Burr, Alex. Hamilton, O'Connell, Gilmore, Washington Irving, Mendelssohn, Beethoven, Oliver Cromwell, Wordsworth, Colridge, Tom Moore, Sir Isaac Newton, Patty Cannon, a case water-brain; Hara Waukay (New Zealand Cannibal), Elihu Burritt, Gen. Scott, Franklin, Greeley, Seward, Jas. Fisk, John Kelly, Rich. B. Sheridan, Lord Chatham, Robt. Bruce, Wm. Pitt, Rev. John Pierpont, Robt. Dale Owen, Dr. Hahneman, Dr. Casnochen, Dr. Newman, Dr. Alcott, Chas. Dickens, Raphael, Pres. Barnard, Dio Lewis, Pere Hyacinth, Flat-headed Indian, Captain Cook, Osceola, Horace Mann, Dr. Saml. Howe, Dr. Trall, Francis Wright, Frederick, the Great, Dean Swift, Martin Van Buren, Milliard Fillmore, Zack Taylor, Jas. K. Polk, Lafayette, Rev. Leonard Bacon, Neanderthal, Man and Gorilla, Mad Malibran, Sylvester Graham, John C. Fremont, Dupuytren, Dr. Chalmers, and many others.

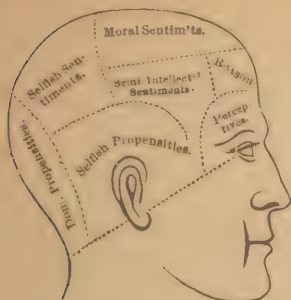
Among the many portraits and sketches in Oil and Crayon are the following: Gladstone, Parnell, Dr. McCosh, Wm. M. Evarts, Wendell Phillips, C. Vanderbilt, W. Vanderbilt, Geo. Peabody, Fred Douglass, John Brown, Henry Wilson, Mark Lemon, H. Dana, Stewart Mills, Rich. Cobden, Tupper, Rosa Bonheur, Robt. E. Lee, Gustave Dore, McMahon, Emerson, Peter Cooper, Stanton, John B. Gough, Maximilian, Alex. H. Stephens, Jefferson Davis, Christine Neilson, Michael Angelo, Schuyler Colfax, Brigham Young, Francis Wayland, Dr. Morgan Dix, Disraeli, Bancroft, Goethe, Cæsar, Wm. Lloyd Garrison, S. H. Tyng, The Duke of Wellington, Edgar A. Poe, Thier, Agassiz, John Jacob Astor, Pope, Alexander VI., Dr. Guthrie, Lucretia Mott, Stephen Girard, Mrs. Garfield, De Lesseps, Gov. Francis Train, Grace Greenwood, Talmage and many others.

These with many others are catalogued and on free exhibition. You are cordially invited to spend an hour, more or less, at our rooms at any time, where a competent person will freely answer your inquiries.

FOWLER & WELLS CO., Phrenologists and Publishers.

775 BROADWAY, N. Y.

Brain and Mind,



GENERAL PRINCIPLES.
THE TEMPERAMENTS.
STRUCTURE OF THE BRAIN AND SKULL.
CLASSIFICATION OF THE FACULTIES.
THE SELFISH ORGANS.
THE INTELLECT.
THE SEMI-INTELLECTUAL FACULTIES.
THE ORGANS OF THE SOCIAL FUNCTIONS.
THE SELFISH SENTIMENTS.
THE MORAL AND RELIGIOUS SENTIMENTS.

OR, MENTAL SCIENCE CONSIDERED IN ACCORDANCE WITH THE PRINCIPLES OF PHRENOLOGY AND IN RELATION TO MODERN PHILOSOPHY.

By H. S. Drayton, A.M., M.D., and James McNeill, A.B. Illustrated with over One Hundred Portraits and Diagrams. \$1.50.

The authors state in their preface: "In preparing this volume it has been the aim to meet an existing want, viz: that of a treatise which not only gives the reader a complete view of the system of mental science known as Phrenology, but also exhibits its relation to Anatomy and Physiology, as those sciences are represented to day by standard authority."

The following, from the Table of Contents, shows the scope and character of the work:

HOW TO EXAMINE HEADS.
HOW CHARACTER IS MANIFESTED.
THE ACTION OF THE FACULTIES.
THE RELATION OF PHRENOLOGY TO METAPHYSICS AND EDUCATION.
VALUE OF PHRENOLOGY AS AN ART.
PHRENOLOGY AND PHYSIOLOGY.
OBJECTIONS AND CONFIRMATIONS BY THE PHYSIOLOGISTS.
PHRENOLOGY IN GENERAL LITERATURE.

Notices of the Press.

Phrenology is no longer a thing laughed at. The scientific researches of the last twenty years have demonstrated the fearful and wonderful complication of matter, not only with mind, but with what we call moral qualities. Thereby, we believe, the divine origin of "our frame" has been newly illustrated, and the Scriptural psychology confirmed; and in the Phrenological Chart we are disposed to find a species of "urim and thummim," revealing, if not the Creator's will concerning us, at least His revelation of essential character. One thing is certain, that the discoveries of physical science must ere long force all men to the single alternative of Calvinism or Atheism. When they see that God has written Himself sovereign, absolute, and predestinating, on the records of His creation, they will be ready to find His writing as clearly in the Word; and the analogical argument, meeting the difficulties and the

objections on the side of Faith by those admitted as existing on the side of Sight, will avail as well in one case as in the other. We will only add, the above work is, without doubt, the best popular presentation of the science which has yet been made. It confines itself strictly to facts, and is not written in the interest of any pet "theory." It is made very interesting by its copious illustrations, pictorial and narrative, and the whole is brought down to the latest information on this curious and suggestive department of knowledge.—*Christian Intelligencer*.

As far as a comprehensive view of the teachings of Combe can be embodied into a system that the popular mind can understand, this book is as satisfactory an exposition of its kind as has yet been published. The definitions are clear, exhaustive, and spirited.—*Philadelphia Enquirer*.

In style and treatment it is adapted to the general reader, abounds with valuable instruction expressed in clear, practical terms, and the work constitutes by far the best Text-book on Phrenology published, and is adapted to both private and class study.

The illustrations of the Special Organs and Faculties are for the most part from portraits of men and women whose characters are known, and great pains have been taken to exemplify with accuracy the significance of the text in each case. For the student of human nature and character the work is of the highest value.

It is printed on fine paper, and substantially bound in extra cloth, by mail postpaid, on receipt of price, \$1.50. Address

FOWLER & WELLS CO., Publishers, 775 Broadway, New York

THE FAMILY PHYSICIAN,

A READY PRESCRIBER AND HYGIENIC ADVISER, WITH REFERENCE TO
THE CAUSES, PREVENTION AND TREATMENT OF DISEASE.

'WHAT THEY SAY'—NOTICES OF THE PRESS.

We give a few of the favorable notices which this work has received:

It possesses the most practical utility of any of the author's works, and is well adapted to give the reader an accurate idea of the organization and functions of the human frame.—*New York Tribune*.

The work is admirably simple, clear, and full, and no popular work that we ever saw had half its claims to notice. We hope it may have a wide circulation. Its mission is a most important one. It lies at the foundation of all other missions of reform. Let the world be informed in regard to the laws of health, and every other reform will have its way cleared. Till then, every effort for moral and intellectual improvement can be only partially and feebly effective.—*Boston Ledger*.

Without the fear of our family physician before our eyes, we say that this is a very good book to have in families. It contains much valuable instruction in the art of preserving and restoring health, which every man of common sense, who understands anything about the human frame, will see at once is, and must be, sound and reliable. It might, almost any day, be the means of saving a valuable life. We are honestly of the conviction that every household in the land would lessen its complaints and doctor's bills, if they would read it and follow its suggestions.—*Boston Congregationalist*.

The different cases upon which it treats number over nine hundred in each of which the symptoms, the cause, and the manner of treatment are given in full.—*Clinton Tribune*.

There is not a subject relating to health but what it treats upon, in an able manner.—*Howard Gazette*.

Its 516 pages abound with thousands of facts and suggestions of the highest importance to all.—*Christian Inquirer*.

It is the best work of the kind we have ever seen upon the subject, and ought to be in every family.—*Advertiser*.

It is very elaborate, and is one of the very best of medical works. Every family should have a copy.—*Star of the West*.

It is worth its weight in gold.—*Ellsworth Herald*.

We know of no book comparable to this as THE BOOK for a family. *Columbia Democrat*.

It is a very able and excellent work, and one which we can heartily recommend to every family; it is everything that its name purports to be.—*Scientific American*.

It is a very comprehensive, valuable work, and cannot fail to exert a salutary effect upon the public mind.—*Baltimore Sun*.

We have no hesitancy in pronouncing it a very useful book, and one which should be in the possession of every family.—*Beaver Dam Republican*.

Familiarity with its contents will save many dollars' worth of drugs, and avert many weary days and months of sickness.—*Musical World*.

The work embodies a vast amount of information in regard to the structure and diseases of the human frame, which will be read with profit.—*N. England Farmer*.

Not only are diseases described, and the appropriate treatment pointed out, but numerous examples are given, which cannot fail to interest the reader, and prove a very acceptable family directory.—*Boston Traveler*.

It is exceedingly comprehensive, and well illustrated. It contains a great deal of information and sound advice, which every reader, whatever his views on medicine, would consider valuable.—*New York Courier*.

A complete encyclopedia of every disease to which the human family is heir, with the cure for each disease.—*Day Book*.

The Author has brought together a mass of information in reference to the human structure, its growth and its treatment, which will render his work of great use to readers of all classes and conditions.—*Philadelphia Daily Times*.

Bound in heavy cloth, \$3.00; library binding, \$4.00. Agents wanted.

Address,

FOWLER & WELLS CO., 775 Broadway, N. Y.

Digestion ^{and} Dyspepsia.

A Complete Explanation of the Physiology of the Digestive Processes, with the Symptoms and Treatment of Dyspepsia and other Disorders of the Digestive Organs. Illustrated.

By R. T. TRALL, M.D.

Bound in Muslin, - - - Price \$1.00.

By far the best work on the subject ever published. With fifty Illustrations; showing with all possible fullness every process of digestion, and giving all the causes, and directions for Treatment of Dyspepsia, a disorder which, in its various forms, is the cause of nearly all the diseases from which the human race is suffering.

The following, from the Table of Contents, will show something of the nature and scope of the work :

Part I.—Digestion.—Nutrition, Insalivation, The Teeth, Deglutition, Chymification, Chylification, Intestinal Digestion, Absorption of the Nutrient Elements Aeration of the Food Elements.

Part II.—Dyspepsia.—Nature of Dyspepsia, Special Cause of Dyspepsia, Symptoms of Dyspepsia, Dyspepsia and Cachexies. Principles of Treatment, Food, Drink, Exercise, Bathing, Clothing, Sleep, Ventilation, Light, Temperature, Mental Influences, Occupation, Tobacco Using, Tight Lacing, Position and Malposition, Appendix.

The author gives the summary of the data which has been collected during an extensive practice of more than twenty-five years, very largely with patients who were suffering from diseases caused by Dyspepsia and an impaired Digestion.

It tells you *what to eat* and *how to eat it*; *what to do* and *how to do it*; not what medicine to take and how to take it, to cure DYSPEPSIA.

Let this "NATION OF DYSPEPTICS" procure the Book and read it.

For Sale by all Booksellers, and sent by mail, post-paid, on receipt of price, \$1.00, by

FOWLER & WELLS CO., Publishers, 775 Broadway, New York.

NEW PHYSIOGNOMY;



OR, SIGNS OF CHARACTER.

As manifested in Temperament and External Forms, and especially
in the Human Face Divine. By SAMUEL R. WELLS

A comprehensive, thorough, and practical work, in which all that is known on the subject is Systemized, Explained, Illustrated, and Applied. Physiognomy is shown to be no mere fanciful speculation, but a consistent and well-considered system of Character-reading, based on the established truths of Physiology and Phrenology, and confirmed by Ethnology, as well as by the peculiarities of individuals. It is no abstraction, but something to be made useful; something to be practiced by everybody and in all places, and made an efficient help in that noblest of all studies—Man. It is readily understood and as readily applied. The following are some of the leading topics discussed and explained:

Previous Systems given, including those of all ancient and modern writers.

General Principles of Physiognomy, or the Physiological laws on which character-reading is and must be based.

Temperaments.—The Ancient Doctrines Spurzheim's Description—The new Classification now in use.

Practical Physiognomy.—General Forms of Faces—The Eyes, the Mouth, the Nose, the Chin, the Jaws and Teeth, the Cheeks, the Forehead, the Hair and Beard, the Complexion, the Neck and Ears, the Hands and Feet, the Voice, the Walk, the Laugh, the Mode of SHAKING HANDS, Dress, etc., with illustrations.

Ethnology.—The Races, including the Caucasian, the North American Indians, the Mongolian, the Malay, and the African, with their numerous subdivisions; also National Types, each illustrated.

Physiognomy Applied—To Marriage to training Children, to Personal Improvement, to Business, to Insanity and Idiocy to Health and Disease, to Classes and Professions, and to Character-Reading generally. Utility of Physiognomy.

Animal Types.—Grades of Intelligence, Instinct, and Reason—Animal Heads and Animal Types among Men.

Graphomaney.—Character revealed in Hand-writing, with Specimens—Palmistry. "Line of Life" in the human hand.

Character-Reading.—More than a hundred noted Men and Women introduced—What Physiognomy says of them.

The Great Secret.—How to be Healthy and How to be Beautiful—Mental Cosmetics—very interesting, very useful.

Aristotle and St. Paul.—A Model Head—Views of Life—Illustrative Anecdotes—Detecting a Rogue by his Face.

No one can read this Book without interest, without real profit. "Knowledge is power," and this is emphatically true of a knowledge of men—of human character. He who has it is "master of the situation," and anybody may have it who will, and find in it the "secret of success" and the road to the largest personal improvement.

Price, in one large Volume, of nearly 800 pages, and more than 1,000 engravings, on toned paper, handsomely bound in embossed muslin, \$5; in heavy calf, marbled edges, \$8; Turkey morocco, full gilt, \$10.

Agents do well canvassing for this work. Address

FOWLER & WELLS CO., Publishers, 775 Broadway, New York.



